# **SAFETY DATA SHEET**

B67R8

Section 1. Identification				
Product name	: STEEL SPEC™ Epoxy Intermediate (Part A) Red			
Product code	: B67R8			
Other means of identification	: Not available.			
Product type	: Liquid.			
Relevant identified uses of	the substance or mixture and uses advised against			
Paint or paint related materia	ıl.			
Manufacturer	: THE SHERWIN-WILLIAMS COMPANY 101 W. Prospect Avenue Cleveland, OH 44115			
Emergency telephone number of the company	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year			
Product Information Telephone Number	: US / Canada: (800) 524-5979 Mexico: Not Available			
Transportation Emergency Telephone Number	: US / Canada: (800) 424-9300 Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year			

# Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A TOXIC TO REPRODUCTION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1</li> <li>Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 50.7% (oral), 58.6% (dermal), 58.6% (inhalation)</li> </ul>
GHS label elements	
Hazard pictograms	
Signal word	: Danger

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# Section 2. Hazards identification

Hazard statements	<ul> <li>Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. (skin)</li> </ul>
Precautionary statements	
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Keep container tightly closed. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: IF exposed or concerned: Get medical advice or attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	<ul> <li>DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure.</li> <li>Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.</li> </ul>
	C C
Hazards not otherwise classified	<ul> <li>DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.</li> </ul>

# Section 3. Composition/information on ingredients

Substance/mixture	1	Mixture
Other means of	:	Not available.
identification		

#### **CAS number/other identifiers**

# Section 3. Composition/information on ingredients

Ingredient name	% by weight CAS number	
Crystalline Silica, respirable powder	≥25 - ≤50	14808-60-7
Barium Sulfate	≥10 - ≤25	7727-43-7
Xylene, mixed isomers	≤13	1330-20-7
Polyamidoamine	≤10	68082-29-1
Iron Oxide	≤5	1309-37-1
Ethylbenzene	≤2.7	100-41-4
Methyl n-Amyl Ketone	≤2.5	110-43-0
Naphtha (petroleum), arom	≤1.6	68603-08-7
Light Aliphatic Hydrocarbon	≤1	64742-47-8
Crystalline Silica, non-respirable	≤0.3	14808-60-7
Toluene	≤0.3	108-88-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

Description of necessa	ry first aid measures
Eye contact	: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Most important sympto	oms/effects, acute and delayed
Potential acute health	effects

Eye contact	- : Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.

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# Section 4. First aid measures

Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: May be fatal if swallowed and enters airways.
Over-exposure signs/	<u>symptoms</u>
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: stomach pains nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## See toxicological information (Section 11)

# Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

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# Section 5. Fire-fighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Remark	: Flammable liquid.

## Section 6. Accidental release measures

## Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	entainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

Precautions for safe handling

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# Section 7. Handling and storage

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

### **Control parameters**

## Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Crystalline Silica, respirable powder	14808-60-7	<ul> <li>OSHA PEL Z3 (United States, 6/2016). TWA: 250 mppcf / (%SiO2+5) 8 hours. Form: Respirable TWA: 10 mg/m³ / (%SiO2+2) 8 hours. Form: Respirable OSHA PEL (United States, 5/2018). [Silica, crystalline] TWA: 50 μg/m³ 8 hours. Form: Respirable dust ACGIH TLV (United States, 1/2023). [Silica, crystalline] TWA: 0.025 mg/m³ 8 hours. Form: Respirable fraction NIOSH REL (United States, 10/2020). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] TWA: 0.05 mg/m³ 10 hours. Form: respirable dust</li> </ul>
Barium Sulfate	7727-43-7	ACGIH TLV (United States, 1/2023). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction NIOSH REL (United States, 10/2020). TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Respirable
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Polyamidoamine       68082-29-1       None         Iron Oxide       1309-37-1       NIOS         Polyamidoamine       1309-37-1       NIOS         Iron Oxide       1309-37-1       NIOS         Ethylbenzene       100-41-4       ACGI         With News       TW/       TW/         Methyl n-Amyl Ketone       110-43-0       ACGI         None       TW/       TW/         STE       STE       STE         OSH/       TW/       TW/         None       TW/       TW/         None       STE       STE         STE       STE       STE         ST	n A: 10 mg/m <sup>3</sup> 10 hours. Form: Total A <b>PEL (United States, 5/2018).</b> A: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable an A: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
Polyamidoamine Iron Oxide68082-29-1 1309-37-1None NIOS TW/ and fi ACGI TW/ fractic OSH/ TW/ fractic TW/ fractic OSH/ TW/ 	A PEL (United States, 5/2018). nes (o-, m-, p-isomers)] A: 100 ppm 8 hours. A: 435 mg/m <sup>3</sup> 8 hours. H TLV (United States, 1/2023). [p- e and mixtures containing p-xylene] xicant. A: 20 ppm 8 hours.
Methyl n-Amyl Ketone 110-43-0 ACGI TW/ NIOS TW/ TW/ STE STE OSH/ TW/ TW/ TW/ NIOS TW/ TW/ NIOS TW/ TW/ NIOS TW/ TW/ TW/ NIOS TW/ TW/ Abso	H REL (United States, 10/2020). A: 5 mg/m <sup>3</sup> , (as Fe) 10 hours. Form: Du Imes H TLV (United States, 1/2023). A: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable A PEL (United States, 5/2018). A: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
Naphtha (petroleum), arom Light Aliphatic Hydrocarbon Naphtha (petroleum), arom ACGI [Kero Abso	H TLV (United States, 1/2023). xicant. A: 20 ppm 8 hours. H REL (United States, 10/2020). A: 100 ppm 10 hours. A: 435 mg/m <sup>3</sup> 10 hours. L: 125 ppm 15 minutes. L: 545 mg/m <sup>3</sup> 15 minutes. A PEL (United States, 5/2018). A: 100 ppm 8 hours. A: 435 mg/m <sup>3</sup> 8 hours.
Light Aliphatic Hydrocarbon 64742-47-8 ACGI	H TLV (United States, 1/2023). A: 50 ppm 8 hours. A: 233 mg/m <sup>3</sup> 8 hours. H REL (United States, 10/2020). A: 100 ppm 10 hours. A: 465 mg/m <sup>3</sup> 10 hours. A: 100 ppm 8 hours. A: 100 ppm 8 hours. A: 465 mg/m <sup>3</sup> 8 hours.
	H TLV (United States, 1/2023). sene as total hydrocarbon vapor] rbed through skin. A: 200 mg/m <sup>3</sup> , (as total hydrocarbon ) 8 hours.
Crystalline Silica, non-respirable 14808-60-7 OSH TWA dust OSH	A PEL (United States, 5/2018). [Silica, alline] Δ: 50 μg/m³ 8 hours. Form: Respirable Δ PEL Z3 (United States, 6/2016). Δ: 30 mg/m³ / (%SiO2+2) 8 hours. Form

		Total dust
Toluene	108-88-3	Total dust <b>OSHA PEL Z2 (United States, 2/2013).</b> TWA: 200 ppm 8 hours. CEIL: 300 ppm AMP: 500 ppm 10 minutes. <b>NIOSH REL (United States, 10/2020).</b> TWA: 100 ppm 10 hours. TWA: 375 mg/m <sup>3</sup> 10 hours.
		STEL: 150 ppm 15 minutes. STEL: 560 mg/m <sup>3</sup> 15 minutes. ACGIH TLV (United States, 1/2023). Ototoxicant. TWA: 20 ppm 8 hours.

## Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits			
Quartz	14808-60-7	Exposure limitsCA British Columbia Provincial (Canada, 6/2022). [Silica, Crystalline - alpha quartz and Cristobalite Respirable] TWA: 0.025 mg/m³ 8 hours. Form: RespirableCA Quebec Provincial (Canada, 6/2022). [Silica Crystalline -Quartz] TWAEV: 0.1 mg/m³ 8 hours. Form: Respirable dust.CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m³ 8 hours. Form: Respirable particulate CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)] TWA: 0.1 mg/m³ 8 hours. Form: Respirable particulate matter. CA Saskatchewan Provincial (Canada, 7/2013). TWA: 0.05 mg/m³ 8 hours. Form: respirable fraction			
Xylene	1330-20-7	CA Alberta Provincial (Canada, 6/2018). [Dimethylbenzene (o,m & p isomers)] 8 hrs OEL: 100 ppm 8 hours. 15 min OEL: 651 mg/m <sup>3</sup> 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m <sup>3</sup> 8 hours. CA British Columbia Provincial (Canada, 6/2022). [Xylene (o, m & p isomers)] TWA: 100 ppm 8 hours. STEL: 150 ppm 15 minutes. CA Quebec Provincial (Canada, 6/2022). [Xylene (o-,m-,p- isomers)] TWAEV: 100 ppm 8 hours. TWAEV: 434 mg/m <sup>3</sup> 8 hours. STEV: 150 ppm 15 minutes. STEV: 651 mg/m <sup>3</sup> 15 minutes. CA Ontario Provincial (Canada, 6/2019). [Xylene (o-, m-, p-isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.			
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		CA Saskatchewan Provincial (Canada, 7/2013). [Xylene (o, m-, p-isomers)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.
Ethylbenzene	100-41-4	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 100 ppm 8 hours. 8 hrs OEL: 434 mg/m <sup>3</sup> 8 hours. 15 min OEL: 543 mg/m <sup>3</sup> 15 minutes. 15 min OEL: 125 ppm 15 minutes. CA British Columbia Provincial (Canada, 6/2022). TWA: 20 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019).
		TWA: 20 ppm 8 hours. <b>CA Quebec Provincial (Canada, 6/2022).</b> TWAEV: 20 ppm 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours.
Methyl n-amyl ketone	110-43-0	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 233 mg/m<sup>3</sup> 8 hours. 8 hrs OEL: 50 ppm 8 hours.</li> <li>CA British Columbia Provincial (Canada, 6/2022). TWA: 50 ppm 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019). TWA: 25 ppm 8 hours. TWA: 115 mg/m<sup>3</sup> 8 hours.</li> <li>CA Quebec Provincial (Canada, 6/2022). TWAEV: 50 ppm 8 hours. TWAEV: 50 ppm 8 hours.</li> <li>TWAEV: 50 ppm 8 hours.</li> <li>TWAEV: 233 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.</li> </ul>
Petroleum refining, hydrotreated light distillate	64742-47-8	<ul> <li>CA British Columbia Provincial (Canada, 6/2022). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin. Notes: Application restricted to conditions in which there are negligible aerosol exposures.</li> <li>TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Alberta Provincial (Canada, 6/2018). [Kerosene/Jet fuels as total hydrocarbon vapour] Absorbed through skin.</li> <li>8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019). Absorbed through skin.</li> <li>TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> </ul>
Kaolin	1332-58-7	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2022).

Quartz	14808-60-7	<ul> <li>TWAEV: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable dust.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate matter.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 4 mg/m<sup>3</sup> 15 minutes. Form: respirable fraction</li> <li>TWA: 2 mg/m<sup>3</sup> 8 hours. Form: respirable fraction</li> <li>CA British Columbia Provincial (Canada, 6/2022). Notes: the value is for particulate matter containing no asbestos and less than 1% crystalline silica.</li> <li>TWA: 2 mg/m<sup>3</sup> 8 hours. Form: Respirable</li> </ul>
		[Silica Crystalline -Quartz] TWAEV: 0.1 mg/m <sup>3</sup> 8 hours. Form: Respirable dust.
Toluene	108-88-3	<ul> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>Absorbed through skin.</li> <li>8 hrs OEL: 50 ppm 8 hours.</li> <li>8 hrs OEL: 188 mg/m<sup>3</sup> 8 hours.</li> <li>CA British Columbia Provincial (Canada, 6/2022).</li> <li>TWA: 20 ppm 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>TWA: 20 ppm 8 hours.</li> <li>CA Quebec Provincial (Canada, 6/2022).</li> <li>TWAEV: 20 ppm 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.</li> <li>STEL: 60 ppm 15 minutes.</li> <li>TWA: 50 ppm 8 hours.</li> </ul>

#### **Occupational exposure limits (Mexico)**

	CAS #	Exposure limits		
Crystalline Silica, respirable powder	14808-60-7	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction		
Xylene, mixed isomers	1330-20-7	NOM-010-STPS-2014 (Mexico, 4/2016). [Xylenes (mixed)] STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.		
Ethylbenzene	100-41-4	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 20 ppm 8 hours.		
Methyl n-Amyl Ketone	110-43-0	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 50 ppm 8 hours.		
Toluene	108-88-3	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 20 ppm 8 hours.		

**Biological exposure indices (United States)** 

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Ingredient name	Exposure indices
Xylene, mixed isomers	ACGIH BEI (United States, 1/2023) [xylenes (technical or commercial grade)] BEI: 1.5 g/g creatinine, methylhippuric acids [in urine]. Sampling time: end of shift.
Ethylbenzene	<b>ACGIH BEI (United States, 1/2023)</b> BEI: 0.15 g/g creatinine, sum of mandelic acid and phenylglyoxylic acid [in urine]. Sampling time: end of shift.
Toluene	ACGIH BEI (United States, 1/2023) BEI: 0.03 mg/l, toluene [in urine]. Sampling time: end of shift. BEI: 0.3 mg/g creatinine, o-cresol [in urine]. Sampling time: end of shift. BEI: 0.02 mg/l, toluene [in blood]. Sampling time: prior to last shift of workweek.

### **Biological exposure indices (Canada)**

No exposure indices known.

### **Biological exposure indices (Mexico)**

Ingredient name		Exposure indices
Xylene, mixed isomers		Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) [xylenes (technical or commercial grade)] BEI: 1.5 g/g creatinine, methyl hippuric acids [in urine]. Sampling time: at the end of the work shift.
Ethylbenzene		Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) BEI: 0.7 g/g creatinine [non-specific.The determinant is nonspecific, since it can be found after exposure to other chemicals.; semi-quantitative.The biological determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.], Sum of mandelic acid and acid phenylglyoxylic [in urine]. Sampling time: at the end of the shift at the end of the work week. BEI: semi-quantitative.The biological determinant is an indicator of chemical exposure, but the quantitative interpretation of the measure is ambiguous. These biological determinants should be used as a screening test if a quantitative test is not possible.,
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	ethylbenzene [in exhaled air]. Sampling time: uncritical.
Toluene	uncritical. Official Mexican STANDARD NOM- 047-SSA1-2011, Environmental Health- Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012) BEI: 0.05 mg/L, toluene [in blood]. Sampling time: sample time not specified. BEI: 1.6 g/g creatinine [Basal level.The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu; non-specific.The determinant is nonspecific, since it can be found after exposure to other chemicals.], hippuric acid [in urine]. Sampling time: at the end of the work shift. BEI: 0.5 mg/L [Basal level.The determinant may be present in the biological sample obtained from subjects who have not been occupationally exposed, at a concentration that could affect the interpretation of the results. These background levels are included in the valu], o-cresol [in urine]. Sampling time:
	at the end of the work shift.

Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measu	<u>ures</u>	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Skin protection		

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Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

<u>Appearance</u>						
Physical state	: Liqu	quid.				
Color	: Rec	l.				
Odor	: Not	available.				
Odor threshold	: Not	available.				
рН	: Not	applicable.				
Melting point/freezing point	: Not	available.				
Boiling point, initial boiling point, and boiling range	: 136	°C (276.8°F)				
Flash point	: Clos	sed cup: 27°C (80.6°F) [Pensky-Martens Closed Cup]				
Evaporation rate	: 0.8	(butyl acetate = 1)				
Flammability	: Flar	nmable liquid.				
Lower and upper explosion limit/flammability limit		rer: 1% ver: 7.9%				
Vapor pressure	: 0.95	5 kPa (7.1 mm Hg)				
Relative vapor density	: 3.66	δ [Air = 1]				
Relative density	: 1.73	73				
Solubility(ies)	:					
Media		Result				
cold water		Not soluble				
Partition coefficient: n- octanol/water	: Not	applicable.		_		
Auto-ignition temperature	: Not	available.				
Decomposition temperature	: Not	Not available.				
Viscosity	: Kin	Kinematic (40°C (104°F)): <20.5 mm²/s (<20.5 cSt)				
Molecular weight	: No	applicable.				
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# Section 9. Physical and chemical properties

Heat of combustion : 6.061 kJ/g

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

## Information on toxicological effects

#### Acute toxicity

Result	Species	Dose	Exposure
LC50 Inhalation Gas.	Rat	6700 ppm	4 hours
LD50 Oral	Rat	4300 mg/kg	-
LD50 Dermal	Rabbit	>5000 mg/kg	-
LD50 Oral	Rat	00	-
LD50 Oral	Rat	00	-
LC50 Inhalation Vapor	Rat	49 g/m <sup>3</sup>	4 hours
LD50 Oral	Rat	636 mg/kg	-
	LC50 Inhalation Gas. LD50 Oral LD50 Dermal LD50 Oral LD50 Oral LD50 Oral LC50 Inhalation Vapor	LC50 Inhalation Gas.RatLD50 OralRatLD50 DermalRabbitLD50 OralRatLD50 OralRatLD50 OralRatLD50 OralRatLC50 Inhalation VaporRat	LC50 Inhalation Gas.Rat6700 ppmLD50 OralRat4300 mg/kgLD50 DermalRabbit>5000 mg/kgLD50 OralRat3500 mg/kgLD50 OralRat1600 mg/kgLD50 OralRat1600 mg/kgLC50 Inhalation VaporRat49 g/m³

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Xylene, mixed isomers	Eyes - Mild irritant	Rabbit	-	87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
	, ,			mg	
	Skin - Mild irritant	Rat	-	8 hours 60 uL	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
Ethylbenzene	Eyes - Severe irritant	Rabbit	-	500 mg	-
-	Skin - Mild irritant	Rabbit	-	24 hours 15	-
				mg	
Methyl n-Amyl Ketone	Skin - Mild irritant	Rabbit	-	24 hours 14	-
				mg	
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
				100 mg	
	Eyes - Mild irritant	Rabbit	-	870 ug	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
	-			mg	
	Skin - Mild irritant	Pig	-	24 hours 250	-
		_		uL	
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# Section 11. Toxicological information

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Skin - Mild irritant	Rabbit	-	435 mg	-
Skin - Moderate irritant	Rabbit	-	24 hours 20	-
			mg	
Skin - Moderate irritant	Rabbit	-	500 mg	-

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Crystalline Silica, respirable powder	+	1	Known to be a human carcinogen.
Xylene, mixed isomers	-	3	-
Iron Oxide	-	3	-
Ethylbenzene	-	2B	-
Crystalline Silica, non- respirable	+	1	Known to be a human carcinogen.
Toluene	-	3	-

### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Xylene, mixed isomers	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Ethylbenzene	Category 3	-	Narcotic effects
Methyl n-Amyl Ketone	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Naphtha (petroleum), arom	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Toluene	Category 3	-	Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Crystalline Silica, respirable powder	Category 1	inhalation	-
Xylene, mixed isomers	Category 2	-	-
Ethylbenzene	Category 2	-	-
Methyl n-Amyl Ketone	Category 2	-	-
Naphtha (petroleum), arom	Category 2	-	skin
Toluene	Category 2	-	-

#### Aspiration hazard

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# Section 11. Toxicological information

: Not available.

Information on the likely

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Name	Result
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Naphtha (petroleum), arom	ASPIRATION HAZARD - Category 1
Light Aliphatic Hydrocarbon	ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1

routes of exposure	
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: May be fatal if swallowed and enters airways.
Symptoms related to the p	hysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: stomach pains nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations
	ects and also chronic effects from short and long term exposure
Short term exposure Potential immediate effects	: Not available.
Potential delayed effects Long term exposure	: Not available.
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health en Not available.	<u>fects</u>
General	: Causes damage to organs through prolonged or repeated exposure. Once sensitize severe allergic reaction may occur when subsequently exposed to very low levels.
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# Section 11. Toxicological information

Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.	
Mutagenicity	: No known significant effects or critical hazards.	
Teratogenicity	: May damage the unborn child.	
<b>Developmental effects</b>	: No known significant effects or critical hazards.	
Fertility effects	: No known significant effects or critical hazards.	

### Numerical measures of toxicity

### Acute toxicity estimates

Route	ATE value
	9689.1 mg/kg 8372.12 mg/kg 92.01 mg/l

# Section 12. Ecological information

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
Barium Sulfate	Acute EC50 634 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute EC50 32 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
Xylene, mixed isomers	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Ethylbenzene	Acute EC50 4900 µg/l Marine water	Algae - Skeletonema costatum	72 hours
-	Acute EC50 7700 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 6.53 mg/l Marine water	Crustaceans - <i>Artemia sp.</i> - Nauplii	48 hours
	Acute EC50 2.93 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Methyl n-Amyl Ketone	Acute LC50 131000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Light Aliphatic Hydrocarbon	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
Toluene	Acute EC50 >433 ppm Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 11600 µg/l Fresh water	Crustaceans - Gammarus pseudolimnaeus - Adult	48 hours
	Acute EC50 6000 μg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 5500 μg/l Fresh water	Fish - Oncorhynchus kisutch - Fry	96 hours
	Chronic NOEC 1 mg/l Fresh water	Daphnia - Daphnia magna	21 days

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Xylene, mixed isomers Ethylbenzene Methyl n-Amyl Ketone Toluene	- - -	- - -	Readily Readily Readily Readily

### **Bioaccumulative potential**

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# Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
Xylene, mixed isomers	-	8.1 to 25.9	Low
Naphtha (petroleum), arom	-	10 to 2500	High
Toluene	-	90	Low

### Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

Other adverse effects

: No known significant effects or critical hazards.

# Section 13. Disposal considerations

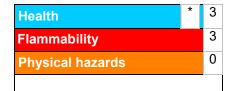
- **Disposal methods**
- : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3	3	3
Packing group	III	Ш	ш	ш	Ш
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).	-	-	<u>Emergency</u> <u>schedules</u> F-E, S E
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	ERG No.	ERG No.	ERG No.	
	128	128	128	
pecial precautio	c m s tc o d	onsider container size node of transport (sea uitably for that mode o shipment, and comp f the person offering t angerous goods must	s. The presence of a shipping , air, etc.), does not indicate the f transport. All packaging mus	at the product is packaged t be reviewed for suitability prior lations is the sole responsibility e loading and unloading
ansport in bulk a IMO instrument		t available.		
INO Instruments	-	oper shipping name	: Not available.	
Section 15.		y information		
Section 15.				
SARA 313	Regulator	y information		ata Sheet, where applicable.
<u>SARA 313</u> SARA 313 (40 CI <u>California Prop</u> .	Regulator R 372.45) supplie	y information	<b>)</b> jound on the Environmental Da	ata Sheet, where applicable. cancer and birth defects or other
<mark>SARA 313</mark> SARA 313 (40 CI <u>California Prop.</u> WARNING: This	Regulator FR 372.45) supplie 65 product contains n.	y information	<b>)</b> jound on the Environmental Da	
SARA 313 SARA 313 (40 CI California Prop. WARNING: This reproductive harr	Regulator R 372.45) supplie 5 product contains n. gulations	y information	<b>)</b> jound on the Environmental Da	
SARA 313 SARA 313 (40 CI California Prop. WARNING: This reproductive harr International rec	Regulator R 372.45) supplie 5 product contains n. gulations	y information	<b>)</b> jound on the Environmental Da	
SARA 313 SARA 313 (40 Cl California Prop. WARNING: This reproductive harr International reg Montreal Protoc Not listed.	Regulator FR 372.45) supplie 65 product contains n. gulations col	y information	<b>)</b> found on the Environmental Da	
SARA 313 SARA 313 (40 Cl California Prop. WARNING: This reproductive harr International reg Montreal Protoc Not listed.	Regulator FR 372.45) supplie 65 product contains n. gulations col	<b>y information</b> er notification can be t chemicals known to t	<b>)</b> found on the Environmental Da	

### Hazardous Material Information System (U.S.A.)



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# Section 16. Other information

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

#### Procedure used to derive the classification

Classification	Justification		
FLAMMABLE LIQUIDS - Category 3	On basis of test data		
SKIN CORROSION/IRRITATION - Category 2	Calculation method		
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	Calculation method		
SKIN SENSITIZATION - Category 1	Calculation method		
CARCINOGENICITY - Category 1A	Calculation method		
TOXIC TO REPRODUCTION - Category 1B	Calculation method		
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method		
ASPIRATION HAZARD - Category 1	Calculation method		
History			
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Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer. or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

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