# **SAFETY DATA SHEET**

#### Arm R Seal Gloss



# Section 1. IdentificationGHS product identifier: Arm R Seal GlossOther means of: Not available.

identification Product type i not avait

: Liquid.

#### **Identified uses**

Not available.

Manufacturer	: General Finishes 2462 Corporate Circle East Troy, WI 53120 U.S.A. Phone no.: 262-642-4545 Toll free no.: 1-800-783-6050 Fax no.: 262-642-4707 Web: GeneralFinishes.com	
Emergency telephone number (with hours of operation)	: CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3887 (24/7)	

# Section 2. Hazards identification

OSHA/HCS status	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> </ul>
Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1 GERM CELL MUTAGENICITY - Category 1B CARCINOGENICITY - Category 1B TOXIC TO REPRODUCTION (Fertility) - Category 2

GHS label elements Hazard pictograms	
Signal word	: Danger
Hazard statements	: Flammable liquid and vapor. May cause an allergic skin reaction. May cause genetic defects. May cause cancer. Suspected of damaging fertility.

#### Precautionary statements General

: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.



### Section 2. Hazards identification

: Obtain special instructions before use. Do not handle until all safety precautions have
been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non- sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Avoid breathing vapor. Contaminated work clothing should not be allowed out of the workplace.
<ul> <li>IF exposed or concerned: Get medical attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention.</li> </ul>
: Store locked up. Store in a well-ventilated place. Keep cool.
<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
: None known.

# Section 3. Composition/information on ingredients

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

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

CAS number	: Not applicable.
Product code	: Not available.

Ingredient name	%	CAS number
Distillates (petroleum), hydrotreated light	30 - 60	64742-47-8
Stoddard solvent	10 - 30	8052-41-3
2-Butanone oxime	0.1 - 1	96-29-7
Naphtha (petroleum), hydrotreated heavy	0.1 - 1	64742-48-9
Cobalt bis(2-ethylhexanoate)	0.1 - 1	136-52-7

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 as hazardous to health or the environment and hence require reporting in this section.

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

### Section 4. First aid measures

Description of necessary first	t aid measures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention. If unconscious, place in recovery position and get medical attention immediately.
Skin contact	: Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.



# Section 4. First aid measures

Ingestion	: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.
Most important symptoms/e	effects, acute and delayed
Potential acute health effe	<u>cts</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/symp	<u>otoms</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
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 or water-based fire extinguishers.
Specific hazards arising from the chemical	: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective actions for fire-fighters	: 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.

# 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. Avoid breathing 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). Water polluting material. May be harmful to the environment if released in large quantities.
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

Protective measures	ut on appropriate personal protective equipment (see Section 8). Persons istory of skin sensitization problems should not be employed in any process is product is used. Avoid exposure - obtain special instructions before us xposure during pregnancy. Do not handle until all safety precautions have nd understood. Do not get in eyes or on skin or clothing. Do not ingest. A reathing vapor or mist. Avoid release to the environment. Use only with a entilation. Wear appropriate respirator when ventilation is inadequate. Do torage areas and confined spaces unless adequately ventilated. Keep in to ontainer or an approved alternative made from a compatible material, kept osed when not in use. Store and use away from heat, sparks, open flame inition source. Use explosion-proof electrical (ventilating, lighting and materian andling) equipment. Use only non-sparking tools. Take precautionary me gainst electrostatic discharges. Empty containers retain product residue a azardous. Do not reuse container.	es in which e. Avoid e been read Avoid dequate o not enter he original t tightly e or any other erial easures
Advice on general occupational hygiene	ating, drinking and smoking should be prohibited in areas where this mate andled, stored and processed. Workers should wash hands and face befor rinking and smoking. See also Section 8 for additional information on hyg neasures. Remove contaminated clothing and protective equipment before ating areas.	ore eating, iene
Conditions for safe storage, including any incompatibilities	tore in accordance with local regulations. Store in a segregated and appro- tore in original container protected from direct sunlight in a dry, cool and w rea, away from incompatible materials (see Section 10) and food and drinl ocked up. Eliminate all ignition sources. Separate from oxidizing materials ontainer tightly closed and sealed until ready for use. Containers that have pened must be carefully resealed and kept upright to prevent leakage. Do nlabeled containers. Use appropriate containment to avoid environmental ontamination.	vell-ventilated k. Store s. Keep e been o not store in

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated light	OSHA PEL (United States).
	TWA: 213 ppm
	TWA: 1200 mg/m <sup>3</sup>
	ACGIH TLV (United States, 6/2013). Absorbed through
	skin.
	TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Stoddard solvent	ACGIH TLV (United States, 3/2012).
	TWA: 525 mg/m <sup>3</sup> 8 hours.
	TWA: 100 ppm 8 hours.
	NIOSH REL (United States, 1/2013).
	CEIL: 1800 mg/m <sup>3</sup> 15 minutes.
	TWA: 350 mg/m <sup>3</sup> 10 hours.
	OSHA PEL (United States, 6/2010).
	TWA: 2900 mg/m <sup>3</sup> 8 hours.
	TWA: 500 ppm 8 hours.
2-Butanone oxime	AIHA WEEL (United States, 5/2010). Skin sensitizer.
	TWA: 10 ppm 8 hours.
Naphtha (petroleum), hydrotreated heavy	ACGIH TLV (United States).
	TWA: 300 ppm 8 hours.



# Section 8. Exposure controls/personal protection

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.
Individual protection measured	<u>res</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: safety glasses with side-shields.
Skin protection		
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 anti-static 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	:	Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

# Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not available.
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: >38°C (>100.4°F)





# Section 9. Physical and chemical properties

Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: Not available.
Solubility	: Not available.
Partition coefficient: n- octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.
VOC content	: 531.138 g/L

# 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.
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

Product/ingredient name	Result	Species	Dose	Exposure
2-Butanone oxime Naphtha (petroleum), hydrotreated heavy	LD50 Oral LC50 Inhalation Vapor	Rat Rat	930 mg/kg 8500 mg/m³	- 4 hours
Cobalt bis(2-ethylhexanoate)	LD50 Oral LD50 Dermal LD50 Oral	Rat Rabbit Rat	>6 g/kg >5 g/kg 1.22 g/kg	- -

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Stoddard solvent	Eyes - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild irritant	Human	-	100 ppm	-
2-Butanone oxime	Eyes - Severe irritant	Rabbit	-	100 µL	-

#### Sensitization



# Section 11. Toxicological information

There is no data available.	There	is no	data	available.
-----------------------------	-------	-------	------	------------

#### **Carcinogenicity**

There is no data available.

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

There is no data available.

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

#### There is no data available.

#### Aspiration hazard

Name	Result
Distillates (petroleum) Stoddard solvent Naphtha (petroleum),	 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely : Derr	nal contact. Eye contact. Inhalation. Ingestion.
----------------------------------	--------------------------------------------------

#### routes of exposure

#### Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact Inhalation	<ul> <li>No known significant effects or critical hazards.</li> <li>Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations</li> </ul>
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

# Delayed and immediate effects and also chronic effects from short and long term exposure

<u>Short term exposure</u>	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
Long term exposure	
Potential immediate effects	: No known significant effects or critical hazards.
Potential delayed effects	: No known significant effects or critical hazards.
Potential chronic health effe	<u>ects</u>





## Section 11. Toxicological information

General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: May cause genetic defects.
Teratogenicity	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
Fertility effects	: Suspected of damaging fertility.

#### Numerical measures of toxicity

Acute toxicity estimates

There is no data available.

# Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Distillates (petroleum), hydrotreated light	Acute LC50 2200 μg/L Fresh water	Fish - Lepomis macrochirus	4 days
	Acute LC50 843000 to 914000 µg/L Fresh water	Fish - Pimephales promelas	96 hours

#### Persistence and degradability

There is no data available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Stoddard solvent 2-Butanone oxime Naphtha (petroleum), hydrotreated		- 2.5 to 5.8 10 to 2500	high Iow high
heavy Cobalt bis(2-ethylhexanoate)	-	15600	high

#### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

#### 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 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 empty 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





### Section 13. Disposal considerations

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	IMDG	ΙΑΤΑ
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3
Packing group	Ш	Ш	Ш
Environmental hazards	Yes.	Yes.	No.
Additional information	This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids, that are marine pollutants, are not regulated as hazardous materials, unless transported by vessel. The marine pollutant mark is not required	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.	The environmentally hazardous substance mark may appear if required by other transportation regulations.
	when transported on inland waterways in sizes of $\leq 5 \text{ L}$ or $\leq 5 \text{ kg}$ or by road, rail, or inland air in non-bulk sizes.		

**AERG** : 128

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not available. to Annex II of MARPOL 73/78 and the IBC Code

### Section 15. Regulatory information

U.S. Federal regulations	: TSCA 4(a) final test rules: Nonane
	TSCA 8(a) PAIR: Nonane
	TSCA 8(a) CDR Exempt/Partial exemption: Not determined
	United States inventory (TSCA 8b): All components are listed or exempted.
	Clean Water Act (CWA) 311: Propionic acid





## Section 15. Regulatory information

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Not listed
Clean Air Act Section 602 Class I Substances	: Not listed
Clean Air Act Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Not listed

#### SARA 302/304

#### **Composition/information on ingredients**

No products were found.

: Not applicable.

#### SARA 304 RQ SARA 311/312

#### **Composition/information on ingredients**

Name	%		Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Distillates (petroleum), hydrotreated light	30 - 60	Yes.	No.	No.	No.	No.
Stoddard solvent	10 - 30	Yes.	No.	No.	No.	Yes.
2-Butanone oxime	0.1 - 1	No.	No.	No.	Yes.	Yes.
Naphtha (petroleum), hydrotreated heavy	0.1 - 1	No.	No.	No.	No.	Yes.
Cobalt bis(2-ethylhexanoate)	0.1 - 1	No.	No.	No.	Yes.	Yes.

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	Cobalt bis(2-ethylhexanoate)	136-52-7	0.1 - 1
Supplier notification	Cobalt bis(2-ethylhexanoate)	136-52-7	0.1 - 1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts

: None of the components are listed.

- : The following components are listed: Stoddard solvent
- New Jersey Pennsylvania

**New York** 

: The following components are listed: Stoddard solvent

: The following components are listed: Stoddard solvent

California Prop. 65

No products were found.

International regulations





# Section 15. Regulatory information

International lists	<ul> <li>Australia inventory (AICS): All components are listed or exempted.</li> <li>China inventory (IECSC): All components are listed or exempted.</li> <li>Japan inventory: Not determined.</li> <li>Korea inventory: All components are listed or exempted.</li> </ul>
	Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted. Philippines inventory (PICCS): All components are listed or exempted. Taiwan inventory (CSNN): Not determined.
Chemical Weapons Convention List Schedule I Chemicals	: Not listed
Chemical Weapons Convention List Schedule II Chemicals	: Not listed
Chemical Weapons Convention List Schedule III Chemicals	: Not listed

# Section 16. Other information

<u>History</u>		
Date of issue mm/dd/yyyy	11/15/2014	
Version	1	
Revised Section(s)	Not applicable.	
Prepared by	KMK Regulatory Services Inc.	
Key to abbreviations	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemica IATA = International Air Transport Association IBC = International Air Transport Association IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations	

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

