

# SAFETY DATA SHEET

#### FOR INDUSTRIAL USE ONLY

#### Casco-Resin CR-583

## Section 1. Product and company identification

GHS product identifier : Casco-Resin CR-583 MSDS Number : 000000100556

Product type : Urea Formaldehyde Resin

Material uses : Wood Adhesives, Composites, Laminates or Related Board Products

Manufacturer/Supplier/Impor : He

ter

Hexion Inc. 180 East Broad Street

Columbus, Ohio 43215 USA

Contact person : 4information@hexion.com

**Telephone** : For additional health and safety or regulatory information, call

1 888 443 9466.

**Emergency telephone number** : For Emergency Medical Assistance

Call Health & Safety Information Services

1-866-303-6949

For Emergency Transportation Information CHEMTREC US Domestic (800) 424-9300 CHEMTREC International (703) 527-3887 CANUTEC CA Domestic (613) 996-6666

Part of the CASCO® Brand of Adhesives and Resins from Hexion Inc.

## Section 2. Hazards identification

Classification of the substance or

mixture

: RESPIRATORY SENSITIZATION - Category 1

SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1B

**GHS** label elements

Hazard pictograms

Signal word : Dange

**Hazard statements** : H334 May cause allergy or asthma symptoms or breathing difficulties

if inhaled.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

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#### **Precautionary statements**

**General** : Not applicable.

**Prevention** : Obtain special instructions before use.

Do not handle until all safety precautions have been read and

understood.

Wear protective gloves. Wear eye or face protection. Wear protective clothing. Wear respiratory protection. Avoid breathing vapor.

Contaminated work clothing must not be allowed out of the workplace.

**Response** : IF exposed or concerned:

Get medical attention.

IF INHALED:

If breathing is difficult, remove person to fresh air and keep

comfortable for breathing.

If experiencing respiratory symptoms: Call a POISON CENTER or physician.

IF ON SKIN:

Wash with plenty of soap and water. Wash contaminated clothing before reuse.

If skin irritation or rash occurs:

Get medical attention.

**Storage** : Store locked up.

**Disposal**: Dispose of contents and container in accordance with all local,

regional, national and international regulations.

Other hazards which do not result

in classification

None known.

# Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	% by weight	CAS number
Formaldehyde	0.3 - 1	50-00-0

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 aid measures

**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the

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Inhalation

upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

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. Get medical attention. If necessary, call a poison center or physician. 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 the event of any complaints or symptoms, avoid further exposure.

Skin contact

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. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Ingestion** 

Wash out mouth with water. Remove dentures if any. 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. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. 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.

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

Notes to physician

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** 

Protection of first aid personnel

No specific treatment.

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 Unsuitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

In a fire or if heated, a pressure increase will occur and the container

None known.

Specific hazards arising from the chemical

may burst.

Hazardous thermal

No specific data.

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#### decomposition products

Special protective actions for firefighters

Special protective equipment 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.

Fire-fighters should wear appropriate protective equipment and selfcontained 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 take

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. 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 specialised 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 material for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. 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. 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 of SDS). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

# Section 7. Handling and storage

#### Precautions for safe handling

**Protective measures** 

: Put on appropriate personal protective equipment (see section 8 of SDS). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid

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exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Store locked up. 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. Solubility in water of urea resins can vary from infinite to insoluble depending on manufacturing procedure and age. Warm water helps in washing up resins with limited solubility.

### Section 8. Exposure controls/personal protection

#### **Control parameters**

### Occupational exposure limits

Ingredient name	Exposure limits
Formaldehyde	ACGIH TLV (2000-03-01)
	Ceiling, is a a limit indicating the maximum concentration of a
	chemical substances in the breathing zone that should not be exceeded.
	0.37 mg/m3 0.3 ppm
	OSHA PEL (1993-06-30)
	Time Weighted Average (TWA) 0.75 ppm
	Short Term Exposure Limit value for a 15-minute reference
	period expressed in parts per million or in mg/m3. 2 ppm
	NIOSH REL (1994-06-01)
	Time Weighted Average (TWA) 0.016 ppm
	Ceiling,is a a limit indicating the maximum concentration of a
	chemical substances in the breathing zone that should not be
	exceeded. 0.1 ppm

# Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required. If this product contains

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ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** 

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**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 measures**

**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.

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 air-fed 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.

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## Section 9. Physical and chemical properties

#### **Appearance**

Physical state : Liquid

Color : Clear-hazy, colorless/colourless

Odor : Little or none Odor threshold : Not available

**PH** : 7.8 - 8.2 @ 25 °C (77 °F)

Melting point/ Freezing point :  $-10 \,^{\circ}\text{C} \, (14 \,^{\circ}\text{F})$ 

**Boiling point** :  $102 \, ^{\circ}\text{C} \, (216 \, ^{\circ}\text{F})$ 

Flash point : Not determined

**Burning time** : Not available **Burning rate** : Not available

**Evaporation rate** : 0.3 ((n-Butyl acetate=1))

Flammability (solid, gas) : Not available

Lower and upper explosive : Lower: Not applicable. (flammable) limits : Upper: Not applicable.

**Vapor pressure** :  $22 \text{ mm Hg } @ 25 ^{\circ}\text{C } (77 ^{\circ}\text{F})$ 

Vapor density : Not available

**Relative density** : 1.286 - 1.298

Solubility : Not available Solubility in water : Soluble

**Partition coefficient: n-** : Not available

octanol/water

**Auto-ignition temperature** : Not applicable.

**Decomposition temperature** : Not available **SADT** : Not available

Viscosity : Dynamic: 600 - 1,000 cPs (Brookfield)

**Kinematic:** Not available

#### Other information

The SDS is not to be used as a specification sheet. For Specific technical information on the product listed above, a sales specification sheet should be obtained from your Hexion representative.

## Section 10. Stability and reactivity

**Reactivity**: Normally stable, but will polymerize at high temperatures with some

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evolution of heat.

**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** : Strong oxidizer,

**Incompatible materials**: Reactive or incompatible with the following materials:

oxidizing materials

acids

**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
Formaldehyde				
	LD50 Oral	Rat	800 mg/kg	-
	LC50 Inhalation	Rat	0.578 mg/l	2 h

Conclusion/Summary : Not available

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Formaldehyde	Skin -	Rabbit	2.5	20 hrs	-
	Erythema/E				
	schar				
	Skin -	Rabbit	3	20 hrs	-
	Edema				
	eyes -	Mouse	> 3		-
	Cornea				
	opacity				

**Conclusion/Summary** 

Skin:Not availableeyes:Not availableRespiratory:Not available

**Sensitization** 

**Conclusion/Summary** 

Skin: Not availableRespiratory: Not available

Mutagenicity

Conclusion/Summary : Not available

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#### Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Formaldehyde		-		
Remarks:	to be a human ca cancer and myel Cancer (IARC) of OSHA regulates OSHA Formaldo Standard"). Safe in the OSHA Sta hour time-weigh Please review ar to the OSHA Sta your operation a performed conce some of these str www.osha.gov/S server.niehs.nih.	arcinogen" with record leukemia. The classifies formalde formaldehyde as ehyde Workplace to handling and use andard. OSHA hatted average ("TW and understand the grandard for regulated and use. Many studerning formaldehyddies and for furth SLTC/formaldehydgov; http://epa.gov	spect to nasophary and a large spect to nasophary a International Age shyde as "carcinog a potential human Standard at 29 CF a instructions are possible instructions and other evaluations and other evaluations are information goode; http://monograv/iris/subst/0419.h	phs.iarc.fr; http://ntp-

Conclusion/Summary : Not available

**Reproductive toxicity** 

Conclusion/Summary : Not available

**Teratogenicity** 

Conclusion/Summary : Not available

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Formaldehyde	Category 3		Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Formaldehyde	Category 2		respiratory tract
			skin

#### **Aspiration hazard**

Not available

Information on the likely routes of

exposure

Not available

Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

Inhalation : May cause allergy or asthma symptoms or breathing difficulties if

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inhaled.

**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** : No specific data.

**Inhalation** : Adverse symptoms may include the following:

wheezing and breathing difficulties

asthma

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion** : No specific data.

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

#### **Short term exposure**

Potential immediate effects: Not availablePotential delayed effects: Not available

#### Long term exposure

Potential immediate effects : Not available
Potential delayed effects : Not available

#### Potential chronic health effects

Conclusion/Summary : Not available

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: No known significant effects or critical hazards.Teratogenicity: No known significant effects or critical hazards.Developmental effects: No known significant effects or critical hazards.Fertility effects: No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available

## Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
formaldehyde			
	Acute LC50 6.7 mg/l -	Fish - Striped bass	96 h
	Acute LC50 6.9 mg/l -	Fish - Zebra danio	6 d

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Acute No-observable-effect-	Fish - Medaka, high-	28 d
concentration > 47.9 mg/l -	eyes	
Acute EC50 5.8 mg/l Fresh water	Aquatic invertebrates.	2 d
	Water flea	
Acute EC50 4.9 mg/l Fresh water	Aquatic plants - Algae	72 h
Acute EC50 4.9 mg/l Fresh water Acute EC50 4.3 mg/l Fresh water	Aquatic plants - Algae Aquatic plants - Algae	72 h 48 h
	1 1	

Conclusion/Summary : Not available

#### Persistence/degradability

Product/ingredient name	Test	Result	Dose	Inoculum
		-		
Remarks:	Biodegradation is e	xpected to be very slow	<i>'</i> .	

Conclusion/Summary : Not available

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Formaldehyde	0.35	< 1	low

#### **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 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## **Section 14. Transport information**

The data provided in this section is for information only and may not be specific to your package size or

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mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

#### **International transport regulations**

Regulatory information	UN/NA number	Proper shipping name	Classes/*PG	Reportable Quantity (RQ)
CFR	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde)	Class 9 III	Formaldehyde

TDG Non-regulated

IMO/IMDG Non-regulated

IATA (Cargo) Non-regulated

\*PG: Packing group

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.

## **Section 15. Regulatory information**

#### **United States**

U.S. Federal regulations

United States - TSCA 12(b) - Chemical export notification: None required.

United States - TSCA 5(a)2 - Final significant new use rules: Not listed United States - TSCA 5(a)2 - Proposed significant new use rules: Not

listed

United States - TSCA 5(e) - Substances consent order: Not listed SARA 311/312 Classification - Immediate (acute) health hazard, Delayed

(chronic) health hazard

#### **SARA 313**

		Product name	CAS number
Form R - Reporting	:	Formaldehyde	50-00-0
requirements			
Supplier notification	:	Formaldehyde	50-00-0

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

#### California Prop. 65:

: WARNING: This product contains a chemical known to the State of California to cause cancer., WARNING: This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

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Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Formaldehyde	Yes.	No.	40 μg/day	No.
Methanol	No.	Yes.	No.	No.

United States inventory (TSCA : All components are listed or exempted.

**8b**)

#### **International regulations**

International lists : Australia inventory (AICS): All components are listed or exempted.

**Canada inventory:** All components are listed or exempted.

Japan inventory: Not determined.

**China inventory (IECSC):** All components are listed or exempted.

Korea inventory: Not determined.

New Zealand Inventory (NZIoC): Not determined. Philippines inventory (PICCS): Not determined.

United States inventory (TSCA 8b): All components are listed or exempted.

Taiwan inventory (CSNN): Not determined.

### **Section 16. Other information**

**Hazardous Material Information System III (U.S.A.)**:

Health	*	1
Flammability		1
Physical hazards		0

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 are not required on MSDSs 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 mark of the National Paint & Coatings Association (NPCA).

HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

Full text of abbreviated H

statements

Not applicable.

#### **History**

Date of printing: 12/08/2016Date of issue/Date of revision: 11/16/2016Date of previous issue: 07/30/2015Version: 10.0

 Prepared by
 : Product Safety Stewardship

 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 = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

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RID = The Regulations concerning the International Carriage of Dangerous Goods by

Rail UN = United Nations

**References** : Not available

#### **Notice to reader**

The information provided herein was believed by Hexion Inc. ("Hexion") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion's terms and conditions of sale. HEXION MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION, except that the product shall conform to Hexion's specifications. Nothing contained herein constitutes an offer for the sale of any product.

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