



**Be Right™**

# SAFETY DATA SHEET

Issue Date 20-Jun-2016

Revision Date 20-Jun-2016

Version 2

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

**Product Name** Ethylene Glycol 1 Reagent

**Product Code(s)** 2183668

### Other means of identification

**Safety data sheet number** M00103  
**Component of Kits or Sets** 2186400; 2186400RGT; 2446900; 2446900K  
**Raw Material/Pure Substance** Mixture

**Chemical Name** Not applicable  
**Alternate CAS Number** Not applicable  
**NIOSH (RTECS) Number** None reported

### Recommended use of the chemical and restrictions on use

**Recommended Use** Determination of Glycol.

**Uses advised against** No information available

### Details of manufacturer or importer

<b>Manufacturer Address</b> Hach Company P.O.Box 389 Loveland, CO 80539 USA (970) 669-3050	<b>Supplier</b> Hach Company 10/15 Howleys Road Notting Hill VIC 3168 Tel: 1300 887 735
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### Emergency telephone number

13 11 26

## Section 2: Hazard(s) identification

### GHS - Classification

<b>Oxidising solids</b>	Category 2
<b>Serious eye damage/eye irritation</b>	Category 2A - (H319)

### Label elements



**Signal word** - Danger

**Hazard statements**

H272 - May intensify fire; oxidiser

H319 - Causes serious eye irritation

**EU Specific Hazard Statements**

Not applicable

**Precautionary statements**

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P220 - Keep/Store away from clothing/ combustible materials

P221 - Take any precaution to avoid mixing with combustibles

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

P501 - Dispose of contents/ container to an approved waste disposal plant

**Other hazards**

Harmful to aquatic life

No information available

### Section 3: Composition and information on ingredients, in accordance with Schedule 8

**Substance**

Not applicable

**Mixture**

Chemical Name	CAS No	EC No
Sodium Sulfate 70 - 80%	7757-82-6	231-820-9
Potassium Periodate 20 - 30%	7790-21-8	232-196-0

### Section 4: FIRST AID MEASURES

**Emergency telephone number**

Poisons Information Centre, Australia: 13 11 26

Poisons Information Centre, New Zealand: 0800 764 766

**Description of first aid measures**

<b>General advice</b>	In case of accident or being unwell, seek medical advice immediately (show directions for use or safety data sheet if possible).
<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a doctor.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a doctor.
<b>Skin contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a doctor.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. If symptoms persist, call a doctor.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Most important symptoms and effects, both acute and delayed**

Symptoms See Section 11: TOXICOLOGICAL INFORMATION

**Indication of any immediate medical attention and special treatment needed**

**Note to doctors** Treat symptomatically.

## Section 5: Firefighting measures

**Suitable Extinguishing Media**

**Suitable Extinguishing Media** Carbon dioxide. Dry chemical. Water.

**Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** May react violently with: Strong acids. Strong bases. aluminum / aluminum compounds.

**Hazardous combustion products** sodium monoxide. sulfur oxides. iodine compounds. potassium oxides.

**Special protective actions for fire-fighters**

**Special protective equipment for fire-fighters** Wear fire/flame resistant/retardant clothing.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Remove all sources of ignition. Do not touch or walk through spilled material. Ventilate affected area. Use personal protective equipment as required.

**Other Information** Use personal protective equipment as required.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions**

Avoid release to the environment. See Section 12 for additional ecological information.

#### **Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Cover with plastic sheet to prevent spreading.

**Methods for cleaning up** Take necessary precautions in observance of pertinent physical hazards. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Dispose of in accordance with local, state and federal regulations or laws.

#### **Precautions to prevent secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations. See section 8 for more information. See section 13 for more information.

### **Section 7: Handling and storage, including how the chemical may be safely used**

#### **Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapours/spray.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Regular cleaning of equipment, work area and clothing is recommended.

#### **Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store away from other materials. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity).

**Incompatible materials** May react violently in contact with: oxidizable material. Aluminium. Magnesium. ammonium perchlorate.

**Materials to avoid** Strong oxidising agents. Strong acids. Strong bases.

### **Section 8: Exposure controls and personal protection**

#### **Control parameters**

#### **Exposure Limits**

Chemical Name	CAS No	Australia
Sodium Sulfate 70 - 80%	7757-82-6	NDF
Potassium Periodate 20 - 30%	7790-21-8	NDF

#### **Biological occupational exposure limits**

Chemical Name	CAS No	Australia
Sodium Sulfate 70 - 80%	7757-82-6	NDF
Potassium Periodate 20 - 30%	7790-21-8	NDF

**Legend** See section 16 for terms and abbreviations

**Appropriate engineering controls**

**Engineering Controls** Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Avoid contact with eyes. Wear tight sealing safety goggles and/or face protection shield.

**Skin and body protection** Wear protective gloves and protective clothing. Wear fire/flammable resistant/retardant clothing.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Solid

**Gas Under Pressure** Not classified according to GHS criteria

**Appearance** crystalline **Colour** White to yellow

**Odour** Not applicable **Odour threshold** No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Molecular weight</b>	No data available	
<b>pH</b>	5.75	5% Solution
<b>Melting point/freezing point</b>	> 370 °C / 698 °F	
<b>Boiling point / boiling range</b>		
<b>Evaporation rate</b>	Not applicable	
<b>Vapour pressure</b>	Not applicable	
<b>Vapor density (air = 1)</b>	Not applicable	
<b>Specific gravity (water = 1 / air = 1)</b>	2.76	
<b>Partition Coefficient (n-octanol/water)</b>	No data available	
<b>Soil Organic Carbon-Water Partition Coefficient</b>	No data available	
<b>Autoignition temperature</b>		

**Decomposition temperature** No data available

**Dynamic viscosity** Not applicable

**Kinematic viscosity** Not applicable

### Solubility(ies)

#### **Water solubility**

<u>Water solubility classification</u>	<u>Water solubility</u>	<u>Water Solubility Temperature</u>
Slightly soluble	> 0.1 mg/L	25 °C / 77 °F

#### **Solubility in other solvents**

<u>Chemical Name</u>	<u>Solubility classification</u>	<u>Solubility</u>	<u>Solubility Temperature</u>
Acid	Slightly soluble	> 0.1 mg/L	25 °C / 77 °F

**Particle Size** No information available

**Particle Size Distribution** No information available

### Other Information

**Metal Corrosivity** Not classified as corrosive to metal according to GHS criteria

**Steel Corrosion Rate** Not applicable

**Aluminum Corrosion Rate** Not applicable

**Volitale Organic Compounds (VOC) Content** Not applicable.

**Bulk density** No data available

**Explosive properties** Not classified according to GHS criteria.

**Explosion data** No data available

**Upper explosion limit** No data available

**Lower explosion limit** No data available

**Flammable properties** During a fire, irritating and highly toxic gases may be generated by thermal decomposition. Oxidiser. May cause fire.

#### **Flammability Limit in Air**

**Upper flammability limit:** No data available

**Lower flammability limit:** No data available

**Flash point** Not applicable

**Method** No information available

**Oxidising properties** Classified as an oxidizer according to GHS criteria.

<b>GHS Oxidizer Classification</b>	Solid - Category 2, H272
<b>Test method</b>	Department of Transportation (DOT) Oxidizer Test
<b>Sample/Cellulose mean burn time</b>	4:1 Sample/Cellulose mean burn time = 181.8 seconds
<b>Reference/Cellulose mean burn time</b>	3:7 Potassium bromat/Cellulose mean burn time = 91.8 seconds
<b>Reactivity properties</b>	Not classified as self-reactive, pyrophoric, self-heating or emitting flammable gases in contact with water according to GHS criteria.

## Section 10: STABILITY AND REACTIVITY

### Reactivity

**Reactivity properties** Not classified as self-reactive, pyrophoric, self-heating or emitting flammable gases in contact with water according to GHS criteria.

### Chemical stability

**Stability** Stable under normal conditions

### Explosion data

**Upper explosion limit** No data available

**Lower explosion limit** No data available

### Autoignition temperature

No data available

### Sensitivity to Mechanical Impact

None.

### Sensitivity to Static Discharge

None.

### Possibility of Hazardous Reactions

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous polymerisation** Hazardous polymerisation does not occur.

### Conditions to avoid

**Conditions to avoid** Excess moisture. Extreme temperatures. Contact with heat, sparks, open flames or other ignition sources.

### Incompatible materials

**Incompatible materials** May react violently in contact with: oxidizable material. Aluminium. Magnesium. ammonium perchlorate.

**Materials to avoid** Strong oxidising agents. Strong acids. Strong bases.

### Hazardous Decomposition Products

Heating to decomposition releases: Oxygen, sulfur oxides, iodine compounds.

## Section 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Information on Likely Routes of Exposure

##### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Symptoms** No information available.

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 12,821.00 mg/kg

**Unknown Acute Toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Sulfate	> 10000 mg/kg ( Rat )	-	-

See section 16 for terms and abbreviations

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

#### Information on Likely Routes of Exposure

<b>Product Information</b>	Causes serious eye irritation.
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<b>Inhalation</b>	No known effect based on information supplied.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin contact</b>	No known effect based on information supplied.
<b>Ingestion</b>	No known effect based on information supplied.
<b>Aggravated Medical Conditions</b>	Eye disorders.
<b>Toxicologically synergistic products</b>	None known.
<b>Toxicokinetics, metabolism and distribution</b>	No information available.

**Product Acute Toxicity Data**

<b>Oral Exposure Route</b>	No data available
<b>Dermal Exposure Route</b>	No data available
<b>Inhalation (Dust/Mist) Exposure Route</b>	No data available
<b>Inhalation (Vapor) Exposure Route</b>	No data available
<b>Inhalation (Gas) Exposure Route</b>	No data available

**Unknown Acute Toxicity**

0 % of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

<b>ATEmix (oral)</b>	12,821.00 mg/kg
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**Ingredient Acute Toxicity Data**

<b>Oral Exposure Route</b>	Toxicological data for ingredients is not indicative of likely harm.
<b>Dermal Exposure Route</b>	No data available
<b>Inhalation (Dust/Mist) Exposure Route</b>	No data available
<b>Inhalation (Vapor) Exposure Route</b>	No data available
<b>Inhalation (Gas) Exposure Route</b>	No data available

**Product Skin Corrosion/Irritation Data**

No data available.

**Ingredient Skin Corrosion/Irritation Data**

Toxicological data for ingredients is not indicative of likely harm.

**Product Serious Eye Damage/Eye Irritation Data**

No data available.

**Ingredient Eye Damage/Eye Irritation Data****Sensitization Information**

**Product Sensitization Data**

Skin Sensitization Exposure Route No data available.

Respiratory Sensitization Exposure Route No data available.

**Ingredient Sensitization Data**

Skin Sensitization Exposure Route Toxicological data for ingredients is not indicative of likely harm.

Respiratory Sensitization Exposure Route No data available.

**Chronic Toxicity Information****Product Repeat Dose Toxicity Data**

Oral Exposure Route No data available.

Dermal Exposure Route No data available.

Inhalation (Dust/Mist) Exposure Route No data available.

Inhalation (Vapor) Exposure Route No data available.

Inhalation (Gas) Exposure Route No data available.

**Ingredient Repeat Dose Toxicity Data**

Oral Exposure Route No data available

Dermal Exposure Route No data available

Inhalation (Dust/Mist) Exposure Route Toxicological data for ingredients is not indicative of likely harm.

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

Chemical Name	CAS No	ACGIH	IARC	NTP	OSHA
Sodium Sulfate	7757-82-6	-	-	-	-
Potassium Periodate	7790-21-8	-	-	-	-

**Legend**

<b>ACGIH (American Conference of Governmental Industrial Hygienists)</b>	Does not apply
<b>IARC (International Agency for Research on Cancer)</b>	Does not apply
<b>NTP (National Toxicology Program)</b>	Does not apply
<b>OSHA (Occupational Safety and Health Administration of the US Department of Labour)</b>	X - Present

**Product Carcinogenicity Data** No data available

Oral Exposure Route No data available

Dermal Exposure Route No data available

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Inhalation (Dust/Mist) Exposure Route No data available

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

**Ingredient Carcinogenicity Data**

Oral Exposure Route No data available

Dermal Exposure Route No data available

Inhalation (Dust/Mist) Exposure Route No data available

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

**Product Germ Cell Mutagenicity *invitro* Data**

No data available.

**Ingredient Germ Cell Mutagenicity *invitro* Data** No data available

Oral Exposure Route No data available

Dermal Exposure Route No data available

Inhalation (Dust/Mist) Exposure Route No data available

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

**Ingredient Germ Cell Mutagenicity *invivo* Data**

Oral Exposure Route No data available

Dermal Exposure Route No data available

Inhalation (Dust/Mist) Exposure Route No data available

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

Oral Exposure Route No data available

Dermal Exposure Route No data available

Inhalation (Dust/Mist) Exposure Route No data available

Inhalation (Vapor) Exposure Route No data available

Inhalation (Gas) Exposure Route No data available

**Ingredient Reproductive Toxicity Data**

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**Oral Exposure Route**

Chemical Name	Endpoint type	Reported dose	Exposure time	Toxicological effects	Key literature references and sources for data
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	Mouse TD <sub>Lo</sub>	14000 mg/kg	4 days	<b>Effects on Newborn</b> Other neonatal measures or effects	RTECS (Registry of Toxic Effects of Chemical Substances)

**Dermal Exposure Route**

No data available

**Inhalation (Dust/Mist) Exposure Route**

No data available

**Inhalation (Vapor) Exposure Route**

No data available

**Inhalation (Gas) Exposure Route**

No data available

**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity****Ecotoxicity**

Based on the classification principles, not classified as hazardous to the environment.

**Unknown Aquatic Toxicity**

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**Product Ecological Data****Aquatic toxicity****Fish**

No data available

**Crustacea**

No data available

**Algae**

No data available

**Terrestrial toxicity****Soil**

No data available

**Vertebrates**

No data available

**Invertebrates**

No data available

**Ingredient Ecological Data****Aquatic toxicity****Fish**

Chemical Name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	96 hours	None reported	LC <sub>50</sub>	56 mg/L	IUCLID (The International Uniform Chemical Information Database)
Chemical Name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	96 hours	<i>Pimephales promelas</i>	LC <sub>50</sub>	7960 mg/L	IUCLID (The International Uniform Chemical Information Database)

**Crustacea**

Chemical Name	Exposure time	Species	Endpoint type	Reported dose	Key literature references and sources for data
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	48 Hours	<i>Daphnia magna</i>	EC <sub>50</sub>	3150 mg/L	IUCLID (The International Uniform Chemical Information Database)

**Algae**

No data available

**Terrestrial toxicity****Soil**

No data available

**Vertebrates**

No data available

**Invertebrates**

No data available

**Other Information****Persistence and degradability**

None known.

**Product Biodegradability Data**

No data available.

**Ingredient Biodegradability Data**

No data available

**Bioaccumulation**

None known.

**Product Bioaccumulation Data**

No data available.

**Ingredient Bioaccumulation Data**

No data available

**Additional information****Product Information**

No data available

**Partition Coefficient (n-octanol/water)**

No data available

**Ingredient Information**

Chemical Name	Partition Coefficient (n-octanol/water)	Method
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	log K <sub>ow</sub> = -3	No information available

**Mobility**

Mobility in soil: Moderate to low mobility. If available, see ingredient data below.

**Product Information** No data available

**Soil Organic Carbon-Water Partition Coefficient** No data available

**Ingredient Information**

Chemical Name	Soil Organic Carbon-Water Partition Coefficient	Method
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	log K <sub>oc</sub> = -1.4	Estimation through KOCWIN v2.00 part of the Estimation Programs Interface (EPI) Suite™

**Additional information**

**Water solubility**

**Product Information**

Water solubility classification	Water solubility	Water Solubility Temperature
Slightly soluble	> 0.1 mg/L	25 °C / 77 °F

**Ingredient Information**

Chemical Name	Water solubility classification	Water solubility	Water solubility temperature °C	Water solubility temperature °F
Sodium Sulfate (70 - 80%) CAS#: 7757-82-6	Completely soluble	160000 mg/L	20 °C	68 °F
Potassium Periodate (20 - 30%) CAS#: 7790-21-8	Soluble	> 1000 mg/L	25 °C	77 °F

**Other adverse effects**

No information available.

## Section 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not re-use container. Working in a well-ventilated area,. Rinse three times with an appropriate solvent. Collect rinsate and dispose of according to local, state or federal regulations. Rinsate from empty containers may contain sufficient product to require disposal as hazardous waste in countries other than the US. Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORT INFORMATION

**ADG** Not regulated

**IATA** Not regulated

**IMDG**

Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available

**Section 15: REGULATORY INFORMATION****Regulatory information****National regulations****Australia**

Model Work Health and Safety Regulations

[NOHSC:2011(2003) National Code of Practice for the Preparation of Material Safety Data Sheets

Labelling of Workplace Hazardous Chemicals Code of Practice

See section 8 for national exposure control parameters

**National pollutant inventory**

Not subject to reporting

**Banned and/or restricted**

No Products Listed.

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>INSQ</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>TCSI</b>	Complies
<b>AICS</b>	Complies
<b>NZIoC</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**INSQ** - National Inventory of Chemical Substances in Mexico**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**TCSI** - **Taiwan Chemical Substances Inventory****AICS** - Australian Inventory of Chemical Substances**NZIoC** - New Zealand Inventory of Chemicals**International Regulations****Ozone-depleting substances (ODS)** Not applicable**Persistent Organic Pollutants** Not applicable

Export Notification requirements Not applicable

**Section 16: Any other relevant information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

<i>NIOSH IDLH</i>	<i>Immediately Dangerous to Life or Health</i>
ACGIH	ACGIH (American Conference of Governmental Industrial Hygienists)
NDF	<i>no data</i>

**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
X	Listed	Vacated	te regulations.
SKN*	Skin designation	SKN+	Skin sensitisation
RSP	Respiratory sensitisation	**	Hazard Designation
C	Carcinogen	R	Reproductive toxicant
M	mutagen		

**Issue Date** 20-Jun-2016

**Revision Date** 20-Jun-2016

**Revision Note**

New SDS.

**Disclaimer**

**USER RESPONSIBILITY:** Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

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**End of Safety Data Sheet**