

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • **Buehler EpoKwik Hardener / SDS# 9102495**
- SDS Number/Grade** • 9102495
- Product Code** • 20-8128; 20-8129; 20-8138-032

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** • Epoxy Hardener

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • BUEHLER, a division of Illinois Tool Works Inc.
41 Waukegan Road
Lake Bluff, IL 60044
United States

Telephone (Technical) • 847-295-6500

1.4 Emergency telephone number

- Manufacturer** • 800-424-9300 - CHEMTREC

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP**
- Acute Toxicity Oral 4 - H302
 - Acute Toxicity Dermal 4 - H312
 - Skin Corrosion 1B - H314
 - Skin Sensitization 1 - H317
- DSD/DPD**
- Corrosive (C)
 - Harmful (Xn)
 - R21/22, R34, R43

2.2 Label Elements

CLP

DANGER



- Hazard statements**
- H302 - Harmful if swallowed
 - H312 - Harmful in contact with skin
 - H314 - Causes severe skin burns and eye damage.
 - H317 - May cause an allergic skin reaction

Precautionary statements

- Prevention**
- P260 - Do not breathe mists, vapours, and/or spray.
 - P264 - Wash thoroughly after handling.
 - P270 - Do not eat, drink or smoke when using this product.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - P310 - Immediately call a POISON CENTER or doctor/physician.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P363 - Wash contaminated clothing before reuse.
 - P321 - Specific treatment, see supplemental first aid information.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P301+P312 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.
 - P330 - Rinse mouth.
 - P331 - Do NOT induce vomiting.

- Storage/Disposal**
- P405 - Store locked up.
 - P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

- Supplemental information**
- 60 - 70 percent of this product consists of an ingredient of unknown toxicity.

DSD/DPD



- Risk phrases**
- R21/22 - Harmful in contact with skin and if swallowed.
 - R34 - Causes burns.
 - R43 - May cause sensitisation by skin contact.

- Safety phrases**
- S24 - Avoid contact with skin.
 - S36 - Wear suitable protective clothing.
 - S37 - Wear suitable gloves.
 - S39 - Wear eye/face protection.
 - S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other Hazards

- CLP**
- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

- DSD/DPD**
- According to European Directive 1999/45/EC this material is considered dangerous.

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

- UN GHS**
- Acute Toxicity Oral 4
 - Acute Toxicity Dermal 4
 - Skin Corrosion 1B

Skin Sensitization 1
 Serious Eye Damage 1
 Respiratory Sensitization 1

2.2 Label elements

UN GHS

DANGER



- Hazard statements**
- Harmful if swallowed
 - Harmful in contact with skin
 - Causes severe skin burns and eye damage.
 - May cause an allergic skin reaction
 - Causes serious eye damage
 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

- Prevention**
- Do not breathe mists, vapours, and/or spray.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - In case of inadequate ventilation wear respiratory protection.
- Response**
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - Wash contaminated clothing before reuse.
 - Specific treatment, see supplemental first aid information.
 - If skin irritation or rash occurs: Get medical advice/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/physician.
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.
 - Rinse mouth.
 - Do NOT induce vomiting.

- Storage/Disposal**
- Store locked up.
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

- Supplemental information**
- 60 - 70 percent of this product consists of an ingredient of unknown toxicity.

2.3 Other hazards

UN GHS

- According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Acute Toxicity Oral 4
- Acute Toxicity Dermal 4
- Skin Corrosion 1B
- Skin Sensitization 1
- Serious Eye Damage 1
- Respiratory Sensitization 1

2.2 Label elements

OSHA HCS 2012**DANGER**

- Hazard statements**
- Harmful if swallowed
 - Harmful in contact with skin
 - Causes severe skin burns and eye damage.
 - May cause an allergic skin reaction
 - Causes serious eye damage
 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

- Prevention**
- Do not breathe mists, vapours, and/or spray.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves, clothing, and eye/face protection.
 - In case of inadequate ventilation wear respiratory protection.
- Response**
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
 - If on skin: Wash with plenty of water.
 - Take off contaminated clothing and wash it before reuse.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - Specific treatment, see supplemental first aid information.
 - 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/physician.
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.
 - Rinse mouth.
- Storage/Disposal**
- Store locked up.
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

- Supplemental information**
- 60-70 percent of this product consists of an ingredient of unknown toxicity.

2.3 Other hazards**OSHA HCS 2012**

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada**According to: WHMIS****2.1 Classification of the substance or mixture****WHMIS**

- Other Toxic Effects - D2B
- Corrosive - E

2.2 Label elements**WHMIS**

- Other Toxic Effects - D2B
- Corrosive - E

2.3 Other hazards**WHMIS**

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Reaction products with ethylene oxide	CAS:28063-82-3	60% TO 100%	NDA	UN GHS: Not Classified EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Diethylenetriamine	CAS:111-40-0 EC Number:203-865-4 EU Index:612-058-00-X	30% TO 60%	NDA	UN GHS: Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Resp. Sens. 1; Acute Tox. 4 (skn, orl) EU DSD/DPD: Annex VI, Table 3.2: Xn, R21/22; C, R34; R43 EU CLP: Annex VI, Table 3.1: Acute Tox. 4 *, H312; Acute Tox. 4 *, H302; Skin Corr. 1B, H314; Skin Sens. 1, H317 OSHA HCS 2012: Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Resp. Sens. 1; Acute Tox. 4 (skn, orl)	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Give artificial respiration if victim is not breathing. Get medical attention immediately.

Skin

- For minor skin contact, avoid spreading material on unaffected skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. If irritation develops and persists, get medical attention.

Eye

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Get medical attention immediately.

Ingestion

- If swallowed, rinse mouth with water (only if the person is conscious) Do NOT induce vomiting. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials

other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media ● Alcohol foam, CO₂, dry chemical, foam.

Unsuitable Extinguishing Media ● No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards ● Containers may explode when heated.

Hazardous Combustion Products ● Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

5.3 Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
SMALL FIRES: Move containers from fire area if you can do it without risk.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions ● Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures ● ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Do not get water inside container.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures ● Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling ● Handle and open container with care. Use only with adequate ventilation. Use caution when combining with water; DO NOT add water to corrosive liquid, ALWAYS add corrosive liquid to water while stirring to prevent release of heat, steam and fumes. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapors, and spray. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage ● Keep container tightly closed. Store in a cool, dry, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines			
	Result	ACGIH	NIOSH
Diethylenetriamine (111-40-0)	TWAs	1 ppm TWA	1 ppm TWA; 4 mg/m3 TWA

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear chemical splash safety goggles.

Skin/Body

- Wear appropriate gloves. Wear long sleeves and/or protective coveralls.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear liquid with a mild ammoniacal odor.
Color	Clear	Odor	Mild ammoniacal.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	404 F(206.6667 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 1.0291 Water=1	Water Solubility	Appreciable
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 n-Butyl Acetate = 1		

Flammability

Flash Point	212 F(100 C) PMCC (Pensky-Martins Closed Cup)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		

Environmental

Octanol/Water Partition coefficient	Data lacking		
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9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity**10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Excess heat.

10.5 Incompatible materials

- Strong Lewis or mineral acids. Reaction with epoxy resins and isocyanates in large amounts or under uncontrolled conditions releases considerable heat and may release acrid fumes. Reaction with some nitrates or nitrites can cause the formation of cancer-causing nitrosoamines.

10.6 Hazardous decomposition products

- Oxides of carbon, oxides of nitrogen, ammonia.

Section 11 - Toxicological Information**11.1 Information on toxicological effects**

Components		
Diethylenetriamine (30% TO 60%)	111-40-0	Acute Toxicity: Ingestion/Oral-Rat LD50 • 1080 mg/kg; Behavioral: Convulsions or effect on seizure threshold; Skin-Rabbit LD50 • 1090 mg/kg; Irritation: Skin-Rabbit • 500 mg-Open • Moderate irritation

GHS Properties	Classification
Acute toxicity	EU/CLP • Acute Toxicity - Dermal 4 - ATEmix (dermal) = 1090 mg/kg; Acute Toxicity - Oral 4 - ATEmix (oral) = 1080 mg/kg OSHA HCS 2012 • Acute Toxicity - Dermal 4 - ATEmix (dermal) = 1090 mg/kg; Acute Toxicity - Oral 4 - ATEmix (oral) = 1080 mg/kg UN GHS • Acute Toxicity - Dermal 4 - ATEmix (dermal) = 1090 mg/kg; Acute Toxicity - Oral 4 - ATEmix (oral) = 1080 mg/kg
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

	UN GHS • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Corrosion 1B OSHA HCS 2012 • Skin Corrosion 1B UN GHS • Skin Corrosion 1B
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1 UN GHS • Skin Sensitizer 1
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Respiratory Sensitizer 1 UN GHS • Respiratory Sensitizer 1
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Serious Eye Damage 1 UN GHS • Serious Eye Damage 1

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause corrosive burns - irreversible damage.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin

Acute (Immediate)

- Harmful in contact with skin. Causes severe skin burns and eye damage. May cause skin sensitization. Symptoms include redness, and skin rash.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials will cause dermatitis.

Eye

Acute (Immediate)

- Causes serious eye damage.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials or fumes may cause conjunctivitis.

Ingestion

Acute (Immediate)

- Harmful if swallowed. May cause irreversible damage to mucous membranes.

Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal disturbances.

Key to abbreviations

LD = Lethal Dose

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN2735	Polyamines, liquid, corrosive, n.o.s. (aliphatic amine blend)	8	III	NDA
TDG	UN2735	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (aliphatic amine blend)	8	III	NDA
IATA/ICAO	UN2735	Polyamines, liquid, corrosive, n.o.s. (aliphatic amine blend)	8	III	NDA

14.6 Special precautions for user

- None specified.

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

- Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or

mixture**SARA Hazard Classifications** • Acute, Chronic

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Diethylenetriamine	111-40-0	Yes	No	Yes	No	Yes
Reaction products with ethylene oxide	28063-82-3	Yes	No	No	No	Yes

Canada**Labor****Canada - WHMIS - Classifications of Substances**

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 D2B, E

Canada - WHMIS - Ingredient Disclosure List

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 0.1 %

Environment**Canada - CEPA - Priority Substances List**

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

- Reaction products with ethylene oxide 28063-82-3 Not Listed
- Diethylenetriamine 111-40-0 Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

- Reaction products with ethylene oxide 28063-82-3 Not Listed

• Diethylenetriamine	111-40-0	Not Listed
U.S. - CERCLA/SARA - Section 313 - Emission Reporting		
• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed
U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing		
• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Reaction products with ethylene oxide	28063-82-3	Not Listed
• Diethylenetriamine	111-40-0	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date	• 19/June/2015
Preparation Date	• 26/March/2012
Disclaimer/Statement of Liability	• To the best of our knowledge, the information contained in this SDS is accurate or is obtained from sources believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein. Buyer assumes liability in its use of the material.

Key to abbreviations

NDA = No data available