Safety Data Sheet: MEGA GEL II PART A

Supercedes Date 01/24/2013 **Issuing Date** 04/17/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA GEL II PART A
Recommended use Epoxy resin
Information on Manufacturer
Mega Metals,Partsmaster,Div of NCH Corp.

P.O. Box 655326
Dallas, TX 75265-5326

Product Code 57562600
Chemical nature Copolymer resin
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARD IDENTIFICATION

Color White **Physical State** Gel **Odor** Aromatic

GHS Classification

Physical Hazards
None

Health Hazard

Acute Inhalation Toxicity - Vapors	Category 3
Acute Inhalation Toxicity - Dusts and Mists	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1

Other hazards
None

Labeling
Signal Word
DANGER

Hazard Statements
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H331 - Toxic if inhaled

Precautionary Statements
P260 - Do not breathe vapor, mist or dust.
P284 - Wear respiratory protection
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace
P363 - Wash contaminated clothing before reuse
P312 - Call a physician if unwell.
P321 - Specific treatment (see supplemental first aid instructions on this label)
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P362 - Take off contaminated clothing and wash before reuse
P333 + P313 - If skin irritation or rash occurs, get medical attention
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P311 - Call a POISON CENTER or doctor/physician.
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 attention.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P391 - Collect spillage
P273 - Avoid release to the environment
P501 - Dispose of contents and container to an approved waste disposal plant.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Bisphenol A - Epichlorohydrin polymer	25068-38-6	40-60
Silicon dioxide, amorphous	7631-86-9	30-50
1,6-Hexanediol diacrylate	13048-33-4	5-15

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact In case of contact, remove contaminated clothing and shoes. Immediately flush skin with soap and plenty of water. Get medical attention if symptoms occur. Wash clothing and thoroughly clean shoes before reuse. Get medical attention if irritation develops and persists.

Inhalation Move to fresh air

Ingestion Clean mouth with water and afterwards drink plenty of water

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point > 201 °F / > 94 °C **Method** Pensky Marten Closed Tester

Upper No data available **Lower** No data available

Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Foam. Water spray.

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA **Health** 2 **Flammability** 1 **Instability** 1 **Other**

HMIS **Health** 2 **Flammability** 1 **Instability** 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system.

Methods for Containment No information available

Methods for Cleaning Up Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Keep away from clothing and other combustible materials. Wear personal protective equipment. Ensure adequate ventilation.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place. Keep in a bunded area.

Storage Temperature **Minimum** 32 °F / 0 °C **Maximum** 120 °F / 49 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Bisphenol A - Epichlorohydrin polymer	No data available	No data available	No data available
Silicon dioxide, amorphous	No data available	No data available	3000 mg/m^3 TWA: 6 mg/m^3
1,6-Hexanediol diacrylate	No data available	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Chemical goggles should be worn when handling .

Skin Protection For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gel	**Viscosity**	Gel
Color	White	**Odor**	Aromatic
Odor Threshold	Not applicable	**Appearance**	White
pH	Not applicable	**Specific Gravity**	= 1.16
Bulk Density (lb/cu ft)	112.2	**Evaporation Rate**	No information available
Percent Volatile (Volume)	No information available	**VOC Content (%)**	0
Vapor Pressure	No information available	**Vapor Density**	Heavier than air
Solubility	Partly miscible	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	Boiling Point/Range = 280 °F / 138 °C	**Flammability (solid, gas)**	No data available
Flash Point	> 201 °F / > 94 °C	**Method**	Pensky Marten Closed Tester
Autoignition Temperature	No information available.		

Upper No data available **Lower** No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	None known
Incompatible Products	Strong oxidizing agents, Incompatible with strong acids and bases.
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Eye contact, Inhalation, Skin contact.
Primary Routes of Entry	None known
Acute Effects	
Eyes	May cause eye irritation.
Skin	May cause skin irritation.
Inhalation	(Mist). May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	May cause skin sensitization in some individuals . Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis.
Target Organ Effects	Respiratory system
Aggravated Medical Conditions	Skin disorders

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Bisphenol A - Epichlorohydrin polymer	= 11400 mg/kg (Rat)	no data available	no data available	no data available	no data available
Silicon dioxide, amorphous	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h	no data available	no data available
1,6-Hexanediol diacrylate	no data available	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Bisphenol A - Epichlorohydrin polymer	no data available	Skin sensitization	no data available	no data available	immune system
Silicon dioxide, amorphous	no data available	no data available	no data available	no data available	eyes,respiratory system
1,6-Hexanediol diacrylate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Bisphenol A - Epichlorohydrin polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Silicon dioxide, amorphous	not applicable	Group 3	not applicable	not applicable	not applicable
1,6-Hexanediol diacrylate	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information: No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Bisphenol A - Epichlorohydrin polymer	no data available	no data available	no data available	no data available	N/A
Silicon dioxide, amorphous	EC50 = 440 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 5000 mg/L Brachydanio rerio 96 h	no data available	7600: 48 h Ceriodaphnia dubia mg/L EC50	N/A
1,6-Hexanediol diacrylate	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Bisphenol A - Epichlorohydrin polymer	Not applicable	Not applicable
Silicon dioxide, amorphous	Not applicable	Not applicable
1,6-Hexanediol diacrylate	Not applicable	Not applicable

U.S. State Regulations
California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By Christopher Drogin
Supercedes Date 01/24/2013
Issuing Date 04/17/2014

Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

Mega Metals,Partsmaster,Div of NCH Corp.assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet: MEGA GEL II PART B

Supercedes Date 01/24/2013 **Issuing Date** 04/17/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA GEL II PART B
Recommended use Epoxy hardener
Information on Manufacturer
Mega Metals,Partsmaster,Div of NCH Corp.

P.O. Box 655326
Dallas, TX 75265-5326

Product Code 57562601
Chemical nature Copolymer activator
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARD IDENTIFICATION

Color gray **Physical State** Gel **Odor** Amine

GHS Classification

Physical Hazards

None	Substances/mixtures corrosive to metal
Category 1	

Health Hazard

Acute Oral Toxicity	Category 4
Acute Dermal Toxicity	Category 4
Acute Inhalation Toxicity - Gas	Category 3
Acute Inhalation Toxicity - Dusts and Mists	Category 4
Skin Corrosion/Irritation	Category 1
Serious Eye Damage/Eye Irritation	Category 1
Skin Sensitization	Category 1
Reproductive Toxicity	Category 2

Other hazards
None

Labeling
Signal Word
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
H331 - Toxic if inhaled
H361 - Suspected of damaging fertility or the unborn child

Precautionary Statements
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe vapor, mist or dust.
P270 - Do not eat, drink or smoke when using this product
P271 - Use in a well-ventilated area.
P281 - Use personal protective equipment as required
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace
P312 - Call a physician if unwell.
P322 - Specific measures (see supplemental first aid instructions on this label)
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a physician
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower
P333 + P313 - If skin irritation or rash occurs, get medical attention
P334 - Immerse in cool water/wrap with wet bandages
P363 - Wash contaminated clothing before reuse
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P330 - Rinse mouth
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P311 - Call a POISON CENTER or doctor/physician.
P308 + P313 - IF exposed or concerned, get medical attention

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P406 - Store in a corrosion-resistant container.
P405 - Store locked up
P390 - Absorb spillage to prevent damage
P391 - Collect spillage
P273 - Avoid release to the environment
P501 - Dispose of contents and container to an approved waste disposal plant.

30 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Isophorone diamine	2855-13-2	10-30
Amine reacted fatty acid	68953-36-6	10-30
Benzyl alcohol	100-51-6	10-30
Nonylphenol	25154-52-3	7-13
Tetraethylenepentamine	112-57-2	1-5

4. FIRST AID MEASURES

General advice Do not get in eyes, on skin or on clothing. Do not breathe mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention. Get medical attention immediately.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Get medical attention immediately.

Ingestion Rinse mouth.

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point > 233 °F / > 112 °C **Method** Seta closed cup
Upper No data available **Lower** No data available

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Specific hazards arising from the chemical
The product causes burns of eyes, skin and mucous membranes

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA **Health** 3 **Flammability** 1 **Instability** 0 **Other**
HMIS **Health** 3 **Flammability** 1 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface water or sanitary sewer system.

Methods for Containment No information available

Methods for Cleaning Up Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly. Dam up. Soak up with inert absorbent material.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Keep away from clothing and other combustible materials. Wear personal protective equipment. Ensure adequate ventilation.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place. Keep in a bunded area.

Storage Temperature **Minimum** 32 °F / 0 °C **Maximum** 120 °F / 49 °C
Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Component	ACGIH TLV	OSHA PEL	NIOSH
Isophorone diamine	No data available	No data available	No data available
Amine reacted fatty acid	No data available	No data available	No data available
Benzyl alcohol	No data available	No data available	No data available
Nonylphenol	No data available	No data available	No data available
Tetraethylenepentamine	No data available	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/Face Protection Chemical goggles should be worn when handling .

Skin Protection Wear suitable protective clothing, Impervious gloves.

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment

General Hygiene Considerations Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Gel
Color gray
Odor Threshold Not applicable
pH Not applicable
Bulk Density (lb/cu ft) 105
Percent Volatile (Volume) No information available
Vapor Pressure No information available
Solubility <0.1% miscibility
Melting Point/Range No data available
Boiling Point/Range = 335 °F / 168 °C
Flash Point > 233 °F / > 112 °C
Autoignition Temperature No information available.
Upper No data available **Lower** No data available

Viscosity Gel
Odor Amine
Appearance Gray
Specific Gravity = 1.04
Evaporation Rate No information available
VOC Content (%) 0
Vapor Density Non-volatile.
n-Octanol/Water Partition No data available
Decomposition Temperature No data available
Flammability (solid, gas) No data available
Method Seta closed cup

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions
Conditions to Avoid Heat, flames and sparks
Incompatible Products Strong oxidizing agents, Amines, Epoxy resins.
Hazardous Decomposition Products Carbon oxides, Phenols.
Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 No information available
Dermal LD50 No information available
Inhalation LC50
Gas No information available
Mist No information available
Vapor No information available

Principle Route of Exposure Inhalation, Skin contact, Eye contact, Ingestion.
Primary Routes of Entry Inhalation
Acute Effects
Eyes Causes eye burns. Causes eye irritation.
Skin Causes skin burns. May cause allergic skin reaction.
Inhalation Causes headache, drowsiness or other effects to the central nervous system. Irritating to respiratory system.
Ingestion Harmful if swallowed.
Chronic Toxicity May cause sensitization by skin contact. Suspect reproductive hazard - contains material which may injure unborn child.
Target Organ Effects Immune system
Aggravated Medical Conditions Skin disorders

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Isophorone diamine	= 1030 mg/kg (Rat)	no data available	no data available	no data available	no data available
Amine reacted fatty acid	no data available	no data available	no data available	no data available	no data available
Benzyl alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h	no data available	no data available
Nonylphenol	= 580 mg/kg (Rat)	= 2031 mg/kg (Rabbit)	no data available	no data available	no data available
Tetraethylenepentamine	= 2100 mg/kg (Rat)	= 660 µL/kg (Rabbit)	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Isophorone diamine	no data available	no data available	no data available	no data available	no data available
Amine reacted fatty acid	no data available	no data available	no data available	no data available	no data available
Benzyl alcohol	no data available	Skin sensitization	no data available	no data available	Immune system, CNS
Nonylphenol	no data available	no data available	no data available	no data available	no data available
Tetraethylenepentamine	no data available	no data available	no data available	no data available	no data available

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Isophorone diamine	not applicable	not applicable	not applicable	not applicable	not applicable
Amine reacted fatty acid	not applicable	not applicable	not applicable	not applicable	not applicable
Benzyl alcohol	not applicable	not applicable	not applicable	not applicable	not applicable
Nonylphenol	not applicable	not applicable	not applicable	not applicable	not applicable
Tetraethylenepentamine	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Isophorone diamine	EC50 = 37 mg/L Desmodesmus subspicatus 72 h	LC50 = 110 mg/L Leuciscus idus 96 h	no data available	14.6 - 21.5: 48 h Daphnia magna mg/L EC50 semi-static 42: 24 h Daphnia magna mg/L EC50	0.79
Amine reacted fatty acid	no data available	no data available	no data available	no data available	N/A
Benzyl alcohol	EC50 = 35 mg/L Anabaena variabilis 3 h	LC50 = 10 mg/L Lepomis macrochirus 96 h LC50 = 460 mg/L Pimephales promelas 96 h	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	23: 48 h water flea mg/L EC50	1.1
Nonylphenol	EC50 = 0.41 mg/L Pseudokirchneriella subcapitata 96 h EC50 = 1.3 mg/L Desmodesmus subspicatus 72 h	LC50 = 0.135 mg/L Pimephales promelas 96 h	no data available	0.0874 - 0.124: 48 h Daphnia magna mg/L EC50 semi-static 0.17 - 0.21: 48 h Daphnia magna mg/L EC50 Static 0.14: 48 h Daphnia magna mg/L EC50	3.28
Tetraethylenepentamine	EC50 = 2.1 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 420 mg/L Poecilia reticulata 96 h	no data available	24.1: 48 h Daphnia magna mg/L EC50	<1

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Corrosive Liquid, N.O.S.
Hazard Class 8
UN-No UN1760
Packing Group III
Description UN1760, Corrosive Liquid, N.O.S.,(Modified Aliphatic Polyamine),8, PG III

TDG

Hazard Class 8
UN-No UN1760
Packing Group III

ICAO

UN-No UN1760
Proper Shipping Name Corrosive Liquid, N.O.S.
Hazard Class 8
Packing Group III
Shipping Description UN1760, Corrosive Liquid, N.O.S.,(Modified Aliphatic Polyamine),8, PG III

IATA

UN-No UN1760
Proper Shipping Name Corrosive Liquid, N.O.S.
Hazard Class 8
Packing Group III
Shipping Description UN1760, Corrosive Liquid, N.O.S.,(Modified Aliphatic Polyamine),8, PG III

IMDG/IMO

Proper Shipping Name Corrosive Liquid, N.O.S.
Hazard Class 8
UN-No UN1760
Packing Group III
Shipping Description UN1760, Corrosive Liquid, N.O.S.,(Modified Aliphatic Polyamine),8, PG III

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Isophorone diamine	Not applicable	Not applicable
Amine reacted fatty acid	Not applicable	Not applicable
Benzyl alcohol	Not applicable	Not applicable
Nonylphenol	Not applicable	Not applicable
Tetraethylenepentamine	Not applicable	Not applicable

U.S. State Regulations
California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By Christopher Drogin
Supercedes Date 01/24/2013
Issuing Date 04/17/2014
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

Mega Metals,Partsmaster,Div of NCH Corp.assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.