

Material Safety Data Sheet: MEGA C BASE

Supersedes Date 05/19/2008

Issuing Date 11/27/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA C BASE
Recommended use Epoxy resin
Information on Manufacturer
Mega Metals, Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code MEGCBASE
Chemical nature Amine blend
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Light gray

Physical State Paste

Odor Epoxy

GHS

Classification

Physical Hazards

None

Health Hazard

Acute Oral Toxicity
Acute Inhalation Toxicity - Dusts and Mists
Serious Eye Damage/Eye Irritation
Skin Sensitization
Reproductive Toxicity
Carcinogenicity

Category 4
Category 4
Category 2A
Category 1
Category 2
Category 1A

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H350 - May cause cancer by inhalation
H302 - Harmful if swallowed
H361 - Suspected of damaging fertility or the unborn child

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P261 - Avoid breathing fumes.
P270 - Do not eat, drink or smoke when using this product
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P363 - Wash contaminated clothing before reuse
P272 - Contaminated work clothing should not be allowed out of the workplace
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.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a physician if you feel unwell.
P301+ P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330 - Rinse mouth
P501 - Dispose of contents/container to an approved waste disposal plant.

10 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Dry Alumina Ceramic Fillers	14808-60-7	60-100

Bisphenol A	80-05-7	10-20
Phenol polymer with Formaldehyde	28064-14-4	7-13
Neopentyl glycol diglycidyl ether	17557-23-2	3-7
2-Ethylhexyl glycidyl ether	2461-15-6	3-7

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
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. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Notes to physician	May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point	> 201 °F / > 94 °C	Method	Seta closed cup
Flammability Limits in Air %	No information available.	Upper	No data available
Lower	No data available		
Suitable Extinguishing Media	Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical	Material can create slippery conditions.		
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 0
HMIS	Health 2	Flammability 1	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	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).
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.
Neutralizing Agent	None known.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.				
Storage	Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.				
Storage Temperature	Minimum	32 °F / 0 °C		Maximum	100 °F / 38 °C
Storage Conditions	Indoor	X	Outdoor	Heated	Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Dry Alumina Ceramic Fillers	TWA: 0.025 mg/m ³	No data available	IDLH: 50 mg/m ³ TWA: 0.05 mg/m ³
Bisphenol A	No data available	No data available	No data available
Phenol polymer with Formaldehyde	No data available	No data available	No data available
Neopentyl glycol diglycidyl ether	No data available	No data available	No data available
2-Ethylhexyl glycidyl ether	No data available	No data available	No data available

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.

Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste	Viscosity	Non viscous
Color	Light gray	Odor	Epoxy
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	No data available
Evaporation Rate	Not applicable	Percent Volatile (Volume)	No information available
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	<1 mmHg @ 70°F	Vapor Density	>1
Solubility	Slightly soluble	n-Octanol/Water Partition	No data available
Melting Point/Range		Decomposition Temperature	No data available
Boiling Point/Range	No information available	Flammability (solid, gas)	No data available
Flash Point	> 201 °F / > 94 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	No information available.	Upper	No data available
		Lower	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Exposure to air or moisture over prolonged periods
Incompatible Products	Incompatible with strong acids and bases, Incompatible with oxidizing agents.
Hazardous Decomposition Products	Carbon oxides, Aldehydes, Acidic fumes , 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.

Primary Routes of Entry Skin Absorption

Acute Effects

Eyes	May cause slight irritation
Skin	Substance may cause slight skin irritation
Inhalation	May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

Chronic Toxicity

Prolonged or repeated inhalation may cause damage to the lungs. May cause skin sensitization in some individuals . Contains a known or suspected carcinogen.

Target Organ Effects

Central nervous system, Respiratory system, Immune system.

Aggravated Medical Conditions

Neurological disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Dry Alumina Ceramic Fillers	= 500 mg/kg (Rat)	no data available	no data available	no data available	no data available
Bisphenol A	= 3200 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	no data available	no data available	no data available
Phenol polymer with Formaldehyde	no data available	no data available	no data available	no data available	no data available
Neopentyl glycol diglycidyl ether	= 4500 mg/kg (Rat)	no data available	no data available	no data available	no data available
2-Ethylhexyl glycidyl ether	= 7800 mg/kg (Rat)	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Dry Alumina Ceramic Fillers	no data available	no data available	no data available	no data available	eyes,respiratory system
Bisphenol A	no data available	no data available	no data available	no data available	no data available

Phenol polymer with Formaldehyde	no data available	no data available	no data available	no data available	no data available
Neopentyl glycol diglycidyl ether	no data available	no data available	no data available	no data available	no data available
2-Ethylhexyl glycidyl ether	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Dry Alumina Ceramic Fillers	A2	Group 1	Known	X	not applicable
Bisphenol A	not applicable	not applicable	not applicable	not applicable	not applicable
Phenol polymer with Formaldehyde	not applicable	not applicable	not applicable	not applicable	not applicable
Neopentyl glycol diglycidyl ether	not applicable	not applicable	not applicable	not applicable	not applicable
2-Ethylhexyl glycidyl ether	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Persistence and Degradability No information available

Bioaccumulation No information available

Mobility No information available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Dry Alumina Ceramic Fillers	no data available	no data available	no data available	no data available	N/A
Bisphenol A	EC50 = 2.5 mg/L Pseudokirchneriella subcapitata 96 h	LC50 3.6 - 5.4 mg/L Pimephales promelas 96 h LC50 4.0 - 5.5 mg/L Pimephales promelas 96 h LC50 = 4 mg/L Oncorhynchus mykiss 96 h LC50 = 9.9 mg/L Brachydanio rerio 96 h	no data available	EC50= 10.2 mg/L 48 h EC50= 3.9 mg/L 48 h EC50 9.2 - 11.4 mg/L 48 h	2.2
Phenol polymer with Formaldehyde	no data available	no data available	no data available	no data available	N/A
Neopentyl glycol diglycidyl ether	no data available	no data available	no data available	no data available	N/A
2-Ethylhexyl glycidyl ether	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
Proper shipping name	Diethylenetriamine
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 contains a chemical or chemicals

which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Bisphenol A	80-05-7	10-20	1.0

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
Dry Alumina Ceramic Fillers	Not applicable	Not applicable
Bisphenol A	Not applicable	Not applicable
Phenol polymer with Formaldehyde	Not applicable	Not applicable
Neopentyl glycol diglycidyl ether	Not applicable	Not applicable
2-Ethylhexyl glycidyl ether	Not applicable	Not applicable

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Dry Alumina Ceramic Fillers	14808-60-7	carcinogen

16. OTHER INFORMATION

Prepared By Ana Santiago
Supersedes Date 05/19/2008
Issuing Date 11/27/2012
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 MSDS 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 C ACTIVATOR

Supersedes Date 11/16/2012

Issuing Date 11/17/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA C ACTIVATOR
Recommended use Epoxy hardener
Information on Manufacturer
Mega Metals, Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code MEGCACTR
Chemical nature Amine blend
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Light gray

Physical state Paste

Odor Epoxy

GHS

Classification

Physical Hazards

Category 1

Corrosive to metals

Health Hazard

Acute Oral Toxicity
Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Respiratory Sensitization
Skin sensitization

Category 4
Category 1
Category 1
Category 1
Category 1

Other hazards

None

Labeling

Signal Word

DANGER



Hazard statements

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H290 - May be corrosive to metals

Precautionary Statements

P260 - Do not breathe vapor or mist.
P285 - In case of inadequate ventilation wear respiratory protection
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P272 - Contaminated work clothing should not be allowed out of the workplace
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333 - If skin irritation or rash occurs get medical attention.
P363 - Wash contaminated clothing before reuse.
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
P321 - Specific treatment (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.
P390 - Absorb spillage to prevent damage.
P406 - Store in corrosive resistant high density polyethylene (HDPE) container with a resistant inliner
P234 - Keep only in original container
P501 - Dispose of contents and container in accordance with applicable local regulations.

20 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Dry Alumina Ceramic Fillers	14808-60-7	60-100
Polyamide resin	68410-23-1	3-7
Phenol polymer with Formaldehyde	28064-14-4	3-7
Formaldehyde, Polymer w/Benzeneamine, hydrogenated	135108-88-2	3-7
Diethylene triamine	111-40-0	3-7
Cyclohexanediamine	694-83-7	3-7

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact	Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.
Notes to physician	May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point 453 °F / 234 °C	Method Seta closed cup	
Flammability Limits in Air %: No information available.	Upper: No data available	Lower: No data available
Suitable Extinguishing Media		
Foam. Carbon dioxide (CO ₂). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical		
Contact with metals liberates flammable hydrogen gas.		
Protective Equipment and Precautions for Firefighters		
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		
NFPA	Health 3	Flammability 1
HMIS -	Health 3	Flammability 1
		Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	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).
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.
Neutralizing Agent	None known.

7. HANDLING AND STORAGE

Handling	Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage Temperature	Minimum 32 °F / 0 °C Maximum 100 °F / 38 °C
Storage Conditions	Indoor X Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Dry Alumina Ceramic Fillers	TWA: 0.025 mg/m ³ respirable fraction	No data available	50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Diethylene triamine	TWA: 1 ppm Skin	No data available	TWA: 1 ppm TWA: 4 mg/m ³

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection	Tightly fitting safety goggles. Face-shield.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste	Viscosity	Not applicable
Color	Light gray	Odor	Epoxy
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	1.12
Evaporation Rate	Not applicable	Percent Volatile (Volume)	0
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	No data available	Vapor Density	0.6 (Air= 1)
Solubility	Moderately soluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	No information available.	Flammability (solid, gas)	No data available
Flash Point	453 °F / 234 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available.	Upper:	No data available Lower: No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Exposure to air or moisture over prolonged periods.
Incompatible Products	Incompatible with strong acids and bases, Incompatible with oxidizing agents.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Thermal decomposition can lead to release of irritating gases and vapors.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information	No information available.
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The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	512
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation, Ingestion.

Primary Routes of Entry Skin Absorption, Skin contact, Ingestion.

Acute Effects:

Eyes

May be corrosive to eye; contact may cause eye burns.

Skin

Contact causes severe skin irritation and possible burns. May cause allergic skin reaction.

Inhalation

Harmful by inhalation. Causes burns. May cause allergic respiratory reaction. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

Ingestion

Ingestion causes burns of the upper digestive and respiratory tracts.

Chronic Toxicity

Prolonged or repeated inhalation may cause damage to the lungs. May cause skin sensitization in some individuals. May cause respiratory sensitization in some individuals. Contains a known or suspected carcinogen.

Target Organ Effects

Skin, Eyes, Respiratory system, Immune system.

Aggravated Medical Conditions

Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Dry Alumina Ceramic Fillers 14808-60-7	= 500 mg/kg (Rat)	no data available	No data available	No data available	No data available
Polyamide resin 68410-23-1	>2000 mg/kg (Rat)	2000 mg/kg (Rat)	No data available	No data available	No data available
Diethylene triamine 111-40-0	= 1080 mg/kg (Rat)	= 672 mg/kg (Rabbit)	= 70 mg/L (Rat) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Dry Alumina Ceramic Fillers 14808-60-7	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Diethylene triamine 111-40-0	No data available	Skin sensitization, Respiratory sensitization	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Dry Alumina Ceramic Fillers 14808-60-7	A2	Group 1	Known	X	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Diethylene triamine	EC50 = 1164 mg/L Pseudokirchneriella subcapitata 72 h EC50 = 345.6 mg/L Pseudokirchneriella subcapitata 96 h EC50 = 592 mg/L Desmodesmus subspicatus 96 h	LC50 = 248 mg/L Poecilia reticulata 96 h LC50 = 1014 mg/L Poecilia reticulata 96 h	EC50 = 2000 mg/L 1 h EC50 = 96 mg/L 17 h	16: 48 h Daphnia magna mg/L EC50	-1.3

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 CONSUMER COMMODITY
Hazard Class ORM-D
Description CONSUMER COMMODITY, ORM-D

TDG

Proper shipping name AMINES, LIQUID, CORROSIVE, N.O.S.
Hazard Class 8
UN-No UN2735
Packing Group III
Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S.(1,2 DIAMINOCYCLOHEXANE),8,PG III, LTD QTY

ICAO

UN-No UN2735
Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S.
Hazard Class 8
Packing Group III
Shipping Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S.(1,2 DIAMINOCYCLOHEXANE),8,PG III, LTD QTY

IATA

Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S.
Hazard Class 8
Packing Group III
Shipping Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S.(1,2 DIAMINOCYCLOHEXANE),8,PG III, LTD QTY

IMDG/IMO

Proper Shipping Name AMINES, LIQUID, CORROSIVE, N.O.S.
Hazard Class 8
UN-No UN2735

Packing Group III
EmS No. F-A, S-B
Description UN2735, AMINES, LIQUID, CORROSIVE, N.O.S.(1,2 DIAMINOCYCLOHEXANE),8,PG III, LTD QTY

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 contains a chemical or chemicals which are subject to the reporting requirements of the Act 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 None

U.S. State Regulations

California Proposition 65 This product contains the following Proposition 65 chemicals:

Component	CAS No.	California Prop. 65
Dry Alumina Ceramic Fillers	14808-60-7	carcinogen

16. OTHER INFORMATION

Prepared By Christopher Drogin
Supersedes Date 11/16/2012
Issuing Date 11/17/2017
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.