Safety Data Sheet MEGA STAINLESS STEEL

Supercedes Date 12/01/2014 **Issuing Date** 04/14/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA STAINLESS STEEL
Recommended use Coating of metals
Information on Manufacturer
Mega Metals,Partsmaster,Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code 06201460
Chemical nature Mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color silver **Physical state** Aerosol **Odor** Aromatic

GHS Classification

Physical Hazards

Flammable Aerosols	Compressed Gas
Gases under pressure	

Health Hazard

Aspiration Toxicity	Category 1
Acute Oral Toxicity	Category 4
Acute Inhalation Toxicity - Gas	Category 3
Acute Inhalation Toxicity - Vapors	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Germ cell mutagenicity	Category 1B
Reproductive Toxicity	Category 1A
Carcinogenicity	Category 1A
Specific target organ systemic toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
DANGER

Hazard statements
H222 - Extremely flammable aerosol
H302 - Harmful if swallowed
H319 - Causes serious eye irritation
H315 - Causes skin irritation
H331 - Toxic if inhaled
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer
H360 - May damage fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe vapor, mist or gas.
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product.
P271 - Use in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves, protective clothing and eye protection.
P281 - Use personal protective equipment as required
P312 - Call a physician if unwell.
P321 - Specific treatment (see supplemental first aid instructions on this label)
P301+ P310 - IF SWALLOWED: Immediately call a physician
P330 - Rinse mouth
P331 - DO NOT induce vomiting
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P362 - Take off contaminated clothing and wash before reuse
P332 + P313 - If skin irritation 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.
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P410 + P403 - Protect from sunlight. Store in a well-ventilated place
P405 - Store locked up
P501 - Dispose of contents and container to an approved waste disposal plant.

12.5 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
Toluene	108-88-3	10-30
Acetone	67-64-1	10-30
Propane	74-98-6	10-30
Butane	106-97-8	5-10
Stainless Steel Flake	65997-19-5	5-10
Xylenes (o-, m-, p- isomers)	1330-20-7	5-10
Mineral spirits	64742-47-8	1-5
Ethyl benzene	100-41-4	1-5

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

4. FIRST AID MEASURES

General advice Show this safety data sheet to the doctor in attendance. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.
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 soap and plenty of water.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control center or doctor immediately. Rinse mouth.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point -2 °F / -19 °C **Method** Estimated
Upper: 10.9 **Lower:** 1.7
Suitable Extinguishing Media
Carbon dioxide (CO2). Dry chemical. Water spray. Dry sand. Alcohol-resistant foam.
Specific hazards arising from the chemical
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.
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.
Aerosol Level (NFPA 30B) - 3

NFPA	**Health** 2	**Flammability** 4	**Instability** 3
HMIS	**Health** 2	**Flammability** 4	**Instability** 3

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. 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 No information available.
Methods for Cleaning Up Prevent product from entering drains.
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid breathing vapors or mists. Ensure adequate ventilation. Do not smoke. Keep away from open flames, hot surfaces and sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Empty containers may contain product residues which may exhibit the hazards of the product. To avoid possible explosion, do not pressurize, cut, weld, solder, drill, grind, or expose empty containers to heat, hot surfaces, sparks, or open flames.

Storage Keep away from open flames, hot surfaces and sources of ignition.

Storage Temperature **Minimum** °F / °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
Toluene	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	500 ppm STEL 150 ppm STEL 560 mg/m^3 TWA: 100 ppm TWA: 375 mg/m^3
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m^3	2500 ppm TWA: 250 ppm TWA: 590 mg/m^3
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m^3	2100 ppm TWA: 1000 ppm TWA: 1800 mg/m^3
Butane	STEL: 1000 ppm	No data available	TWA: 800 ppm TWA: 1900 mg/m^3
Stainless Steel Flake	TWA: 0.05 mg/m^3 TWA: 0.00005 mg/m^3 inhalable fraction TWA: 1 mg/m^3 dust and mist TWA: 0.2 mg/m^3 TWA: 1 mg/m^3 TWA: 5 mg/m^3 TWA: 0.02 mg/m^3 TWA: 0.1 mg/m^3 TWA: 0.5 mg/m^3	TWA: 50 µg/m^3 TWA: 2 µg/m^3 TWA: 0.2 mg/m^3 TWA: 5 mg/m^3 Ceiling: 5 µg/m^3 Ceiling: 5 mg/m^3	Ceiling: 0.05 mg/m^3 Ceiling: 0.0005 mg/m^3 STEL 3 mg/m^3 STEL 10 mg/m^3 TWA: 1 mg/m^3 dust and mist TWA: 1 mg/m^3 TWA: 0.2 mg/m^3 TWA: 5 mg/m^3 TWA: 0.050 mg/m^3 TWA: 0.015 mg/m^3 TWA: 0.5 mg/m^3
Xylenes (o-, m-, p- isomers)	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 435 mg/m^3	No data available
Ethyl benzene	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m^3	800 ppm STEL 125 ppm STEL 545 mg/m^3 TWA: 100 ppm TWA: 435 mg/m^3

Engineering Measures Use with local exhaust ventilation.

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles.

Skin Protection Protective gloves, 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 Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. 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	Aerosol	**Viscosity**	Not applicable
Color	silver	**Odor**	Aromatic
Odor Threshold	Not applicable	**Appearance**	Textured black paste
pH	Not applicable	**Specific Gravity**	.85
Evaporation Rate	No data available	**Percent Volatile (Volume)**	No information available
VOC Content (%)	59.4%; 1.85 MIR	**Vapor Pressure**	2068.60 mmHg @ 2068.601°F
Vapor Density	No information available	**Solubility**	Insoluble
n-Octanol/Water Partition	No data available	**Melting Point/Range**	No data available
Decomposition Temperature	No data available	**Boiling Point/Range**	-166 °F / -110 °C
Flammability (solid, gas)	No data available		
Flash Point	-2 °F / -19 °C	**Method**	Estimated
Autoignition Temperature	No information available.		

Upper: 10.9 **Lower:** 1.7

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Temperatures above 120 °F.
Incompatible Products	None known.
Decomposition Temperature	No data available
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information — No information available.

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

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.
Primary Routes of Entry	Skin contact.
Acute Effects:	
Eyes	Irritating to eyes.
Skin	Irritating to skin.
Inhalation	Inhalation may cause central nervous system effects. 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	Repeated and prolonged exposure to solvents may cause brain and nervous system damage. May cause damage to the kidneys/liver/eyes/brain/respiratory system/central nervous system if inhaled.
Target Organ Effects	Central nervous system, Kidney, Liver, Respiratory system.
Aggravated Medical Conditions	Neurological disorders, Central nervous system, Kidney disorders, Liver disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Toluene 108-88-3	= 636 mg/kg (Rat)	= 8390 mg/kg (Rabbit) = 12124 mg/kg (Rat)	= 12.5 mg/L (Rat) 4 h > 26700 ppm (Rat) 1 h	No data available	No data available
Acetone 67-64-1	No data available	no data available	= 50100 mg/m^3 (Rat) 8 h	No data available	No data available
Propane 74-98-6	No data available	no data available	= 658 mg/L (Rat) 4 h	No data available	No data available
Butane 106-97-8	No data available	no data available	= 658 g/m^3 (Rat) 4 h	No data available	No data available
Xylenes (o-, m-, p- isomers) 1330-20-7	= 4300 mg/kg (Rat)	> 1700 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h	No data available	No data available
Mineral spirits 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h	No data available	No data available
Ethyl benzene 100-41-4	= 3500 mg/kg (Rat)	= 15354 mg/kg (Rabbit)	= 17.2 mg/L (Rat) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Toluene 108-88-3	No data available	No data available	yes	yes	Skin Central nervous system Eyes Respiratory system Liver Kidney Reproductive System
Acetone 67-64-1	No data available	No data available	No data available	No data available	Skin Central nervous system Eyes Respiratory system
Propane 74-98-6	No data available	No data available	No data available	No data available	Central nervous system
Butane 106-97-8	No data available	No data available	No data available	No data available	Central nervous system
Stainless Steel Flake 65997-19-5	No data available	No data available	No data available	No data available	Blood Lungs Nasal Cavities Skin Central nervous system Eyes Respiratory system Liver Kidney
Ethyl benzene 100-41-4	No data available	No data available	yes	No data available	Skin Central nervous system Eyes Respiratory system

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

Component	ACGIH	IARC	NTP	OSHA	Other
Toluene 108-88-3	not applicable	Group 3	not applicable	not applicable	not applicable
Stainless Steel Flake 65997-19-5	not applicable	not applicable	Reasonably Anticipated	not applicable	not applicable
Xylenes (o-, m-, p- isomers) 1330-20-7	not applicable	Group 3	not applicable	not applicable	not applicable
Ethyl benzene 100-41-4	A3	Group 2B	not applicable	X	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Toluene	EC50 > 433 mg/L Pseudokirchneriella subcapitata 96 h EC50 = 12.5 mg/L Pseudokirchneriella subcapitata 72 h	LC50 15.22 - 19.05 mg/L Pimephales promelas 96 h LC50 = 12.6 mg/L Pimephales promelas 96 h LC50 5.89 - 7.81 mg/L Oncorhynchus mykiss 96 h LC50 14.1 - 17.16 mg/L Oncorhynchus mykiss 96 h LC50 = 5.8 mg/L Oncorhynchus mykiss 96 h LC50 11.0 - 15.0 mg/L Lepomis macrochirus 96 h LC50 = 54 mg/L Oryzias latipes 96 h LC50 = 28.2 mg/L Poecilia reticulata 96 h LC50 50.87 - 70.34 mg/L Poecilia reticulata 96 h	EC50 = 19.7 mg/L 30 min	5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50	2.65
Acetone	No information available.	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50	-0.24
Propane	No information available.	No information available.	No information available	No information available.	2.3
Butane	No information available.	No information available.	No information available	No information available.	2.89
Xylenes (o-, m-, p- isomers)	EC50 = 11 mg/L Pseudokirchneriella subcapitata 72 h	LC50 = 13.4 mg/L Pimephales promelas 96 h LC50 2.661 - 4.093 mg/L Oncorhynchus mykiss 96 h LC50 13.5 - 17.3 mg/L Oncorhynchus mykiss 96 h LC50 13.1 - 16.5 mg/L Lepomis macrochirus 96 h LC50 = 19 mg/L Lepomis macrochirus 96 h LC50 7.711 - 9.591 mg/L Lepomis macrochirus 96 h LC50 23.53 - 29.97 mg/L Pimephales promelas 96 h LC50 = 780 mg/L Cyprinus carpio 96 h LC50 > 780 mg/L Cyprinus carpio 96 h LC50 30.26 - 40.75 mg/L Poecilia reticulata 96 h	EC50 = 0.0084 mg/L 24 h	3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50	3.15
Mineral spirits	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A
Ethyl benzene	EC50 = 11 mg/L Pseudokirchneriella subcapitata 72 h EC50 = 4.6 mg/L Pseudokirchneriella subcapitata 72 h EC50 > 438 mg/L	LC50 11.0 - 18.0 mg/L Oncorhynchus mykiss 96 h LC50 = 4.2 mg/L Oncorhynchus mykiss 96 h LC50 7.55 - 11 mg/L Pimephales promelas 96 h LC50 = 32 mg/L Lepomis	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	1.8 - 2.4: 48 h Daphnia magna mg/L EC50	3.118

	Pseudokirchneriella subcapitata 96 h EC50 2.6 - 11.3 mg/L Pseudokirchneriella subcapitata 72 h EC50 1.7 - 7.6 mg/L Pseudokirchneriella subcapitata 96 h	macrochirus 96 h LC50 9.1 - 15.6 mg/L Pimephales promelas 96 h LC50 = 9.6 mg/L Poecilia reticulata 96 h			

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. Do not puncture.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name Consumer Commodity
Hazard Class ORM-D
Description Consumer Commodity ORM-D

TDG
Proper shipping name Aerosols
Hazard Class 2.1
UN-No UN1950
Description UN1950,AEROSOLS,2.1, LTD QTY

ICAO
Shipping Description DO NOT SHIP AIR

IATA
Shipping Description DO NOT SHIP AIR

IMDG/IMO
Proper Shipping Name Aerosols
Hazard Class 2.1
UN-No UN1950
EmS No. F-D, S-U
Description UN1950, Aerosols,2.1,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:

Component	CAS No.	Weight % *	SARA 313 - Threshold Values
Toluene	108-88-3	10-30	1.0
Stainless Steel Flake	65997-19-5	5-10	1.0 0.1
Xylenes (o-, m-, p- isomers)	1330-20-7	5-10	1.0
Ethyl benzene	100-41-4	1-5	0.1

SARA 311/312 Hazardous Categorization

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

CERCLA None

Component	Hazardous Substances RQs	CERCLA EHS RQs

Toluene	1000 lb	Not applicable
Acetone	5000 lb	Not applicable
Xylenes (o-, m-, p- isomers)	100 lb	Not applicable
Ethyl benzene	1000 lb	Not applicable

U.S. State Regulations

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

Component	CAS No.	California Prop. 65
Toluene	108-88-3	developmental toxicity female reproductive toxicity
Stainless Steel Flake	65997-19-5	carcinogen developmental toxicity
Ethyl benzene	100-41-4	carcinogen

16. OTHER INFORMATION

Prepared By Christopher Drogin
Supercedes Date 12/01/2014
Issuing Date 04/14/2016
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.