

# Safety Data Sheet METAL GROOM PLUS (AEROSOL)

Supersedes Date Not applicable

Issuing Date 03/29/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** METAL GROOM PLUS (AEROSOL)

**Recommended use** No information available

**Information on Manufacturer**

Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** PMF60015

**Chemical nature** No information available

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

**Telephone inquiry**

800-336-0450

## 2. HAZARD IDENTIFICATION

**Color** No information available

**Physical state** Aerosol

**Odor** No information available.

### GHS

#### Classification

Physical Hazards

Gases under pressure

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Germ cell mutagenicity

Carcinogenicity

Specific target organ systemic toxicity (single exposure)

Category 2

Category 2

Category 2

Category 1B

Category 3

Other hazards

None

#### Labeling

Signal Word

DANGER



Hazard statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H341 - Suspected of causing genetic defects

H350 - May cause cancer

H280 - Contains gas under pressure; may explode if heated

Precautionary Statements

P201 - Obtain special instructions before use

P261 - Avoid breathing vapor, mist or gas.

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

P308 + P313 - IF exposed or concerned, get medical attention

P321 - Specific treatment (see supplemental first aid instructions on this label)

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

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.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P362 - Take off contaminated clothing and wash before reuse

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.

P403 - Store in a well-ventilated place

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS No.	Weight % *
Trichloroethylene	79-01-6	60-100
Carbon dioxide	124-38-9	3-7

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

**4. FIRST AID MEASURES**

<b>General advice</b>	No information available.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Notes to physician</b>	Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

<b>Flash Point</b> > 200 °F / > 93 °C	<b>Method</b> Set a closed cup
<b>Upper:</b> No data available	<b>Lower:</b> No data available
<b>Suitable Extinguishing Media</b>	
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, NOHSC (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0
<b>HMIS</b>	<b>Health</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Ensure adequate ventilation.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Containment</b>	No information available.
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
<b>Neutralizing Agent</b>	Not applicable.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Ensure adequate ventilation.			
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.			
<b>Storage Temperature</b>	<b>Minimum</b>	No information available	<b>Maximum</b>	No information available
<b>Storage Conditions</b>	<b>Indoor</b>	<b>Outdoor</b>	<b>Heated</b>	<b>Refrigerated</b>

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Trichloroethylene	TWA: 10 ppm STEL: 25 ppm	TWA: 100 ppm Ceiling: 200 ppm	1000 ppm
Carbon dioxide	TWA: 5000 ppm STEL: 30000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup>	40000 ppm STEL 30000 ppm STEL 54000 mg/m <sup>3</sup> TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup>

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Aerosol	<b>Viscosity</b>	No information available
<b>Color</b>	colorless	<b>Odor</b>	No information available.

<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	No information available.
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	1.52
<b>Evaporation Rate</b>	>3 (BuAc = 1)	<b>Percent Volatile (Volume)</b>	No information available
<b>VOC Content (%)</b>	0	<b>Vapor Pressure</b>	59 mmHg @ 77°F
<b>Vapor Density</b>	>2 (Air = 1.0)	<b>Solubility</b>	No information available.
<b>n-Octanol/Water Partition</b>	No data available	<b>Melting Point/Range</b>	No data available
<b>Decomposition Temperature</b>	No data available	<b>Boiling Point/Range</b>	> 188 °F / 87 °C
<b>Flammability (solid, gas)</b>	No data available	<b>Method</b>	Seta closed cup
<b>Flash Point</b>	> 200 °F / > 93 °C		
<b>Autoignition Temperature</b>	No information available.		
<b>Upper: No data available Lower: No data available</b>			

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Products</b>	No materials to be especially mentioned.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Thermal decomposition can lead to release of irritating gases and vapors, Hydrogen chloride gas, Phosgene.
<b>Possibility of Hazardous Reactions</b>	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

**Dermal LD50** No information available

**Inhalation LC50**

**Gas** No information available

**Mist** No information available

**Vapor** No information available

**Principle Route of Exposure** None reasonably foreseeable.

**Primary Routes of Entry** None known.

**Acute Effects:**

**Eyes** May cause slight irritation.

**Skin** Substance may cause slight skin irritation.

**Inhalation** May cause irritation of respiratory tract.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Toxicity** No information available.

**Target Organ Effects** No information available.

**Aggravated Medical Conditions** No information available.

**Component Information**

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Trichloroethylene 79-01-6	5400 - 7200 mg/kg ( Rat )	= 29000 mg/kg ( Rabbit )	= 26 mg/L ( Rat ) 4 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Trichloroethylene 79-01-6	no data available	no data available	no data available	no data available	Skin Central nervous system Eyes Respiratory system Heart Liver Kidney
Carbon dioxide 124-38-9	no data available	no data available	no data available	no data available	Respiratory system Cardiovascular system

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Trichloroethylene 79-01-6	A2	Group 1	Reasonably Anticipated	X	not applicable

## 12. ECOLOGICAL INFORMATION

**Product Information** No information available.

**Component Information**

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Trichloroethylene	EC50 = 450 mg/L Desmodesmus	LC50 31.4 - 71.8 mg/L Pimephales promelas 96 h	EC50 = 0.81 mg/L 24 h EC50 = 115 mg/L 10 min	2.2: 48 h Daphnia magna mg/L EC50	2.29

	subspicatus 96 h EC50 = 175 mg/L Pseudokirchneriella subcapitata 96 h	LC50 39 - 54 mg/L Lepomis macrochirus 96 h	EC50 = 190 mg/L 15 min EC50 = 235 mg/L 24 h EC50 = 410 mg/L 24 h EC50 = 975 mg/L 5 min		
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**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  
**Description** CONSUMER COMMODITY, ORM-D

**TDG**  
**Proper shipping name** AEROSOLS, NON-FLAMMABLE  
**Hazard Class** 2.2  
**UN-No** UN1950  
**Description** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

**ICAO**  
**UN-No** UN1950  
**Proper Shipping Name** AEROSOLS, NON-FLAMMABLE  
**Hazard Class** 2.2  
**Shipping Description** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD QTY

**IATA**  
**UN-No** UN1950  
**Proper Shipping Name** AEROSOLS  
**Hazard Class** 2.2  
**Shipping Description** UN1950, AEROSOLS, 2.2, LTD QTY

IMDG/IMO

**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 Title 40 of the Code of Federal Regulations, Part 372.

Component	CAS No.	Weight % *	SARA 313 - Threshold Values
Trichloroethylene	79-01-6	60-100	0.1

**SARA 311/312 Hazardous Categorization**

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

**CERCLA** None

Component	Hazardous Substances RQs	CERCLA EHS RQs
Trichloroethylene	100 lb 1 lb	Not applicable

**U.S. State Regulations**

**California Proposition 65** This product does not contain any Proposition 65 chemicals.

Component	CAS No.	California Prop. 65
Trichloroethylene	79-01-6	carcinogen developmental toxicity

male reproductive toxicity

**16. OTHER INFORMATION**

Prepared By	Christopher Drogin
Supersedes Date	Not applicable
Issuing Date	03/29/2016
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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