

Issue Date: 20-Jan-2015

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name METAL PARTS PROTECTOR

Other means of identification

SDS #
ITEM# M-25550

UN/ID No UN 1950

Recommended use of the chemical and restrictions on use

Recommended Use Metal Protectant

Details of the supplier of the safety data sheet

Supplier Address
Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number 832-399-1015
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Hazy, dark brown **Physical State** Aerosol **Odor** Hydro-carbon

Classification

Flammable Aerosol	Category 1
Skin irritant	Category 2
Eye Irritant	Category 2b
Specific Target Organ Toxicity (Single Exposure)	Category 3
Aspiration Hazard	Category 1

Hazard Not Otherwise Classified (HNOC)

Signal Word DANGER



Hazard Statements

Extremely flammable aerosol
Contains gas under pressure: May explode if heated
Causes skin and eye irritation

May cause drowsiness and dizziness.
May be fatal if swallowed and enters airways

Precautionary Statements - Prevention

Avoid breathing fumes, mist, vapors, and spray.
Use only outdoors or in a well-ventilated area.
Keep away from heat, sparks, open flames, and hot surfaces. - No smoking
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use. Protect from sunlight.
Do not expose to temperatures exceeding 50C/122°F. Store in a well-ventilated place.

Precautionary Statements - Response

If INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting.

Precautionary Statements – Storage

Store locked up.
Protect from sunlight.
Do not expose/store to temperatures exceeding 50C/122°F. Store in a well-ventilated place

Precautionary Statements – Disposal

Dispose of contents and container in accordance with local, state, and national regulations.

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Heptane	142-82-5	10-30%
Mineral Spirits	Mixture	30-60%
Propane/n-Butane	68476-86-8	10-30%

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with copious amounts of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms	May cause skin and eye irritation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Unsuitable Extinguishing Media Do not use straight streams.

Specific Hazards Arising from the Chemical Not determined.

Hazardous Combustion Products Oxides of carbon and nitrogen compounds.

Protective equipment and precautions for firefighters

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus(SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedure**

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

SPILL

Methods for Clean-Up Remove any source of ignition. Use non-sparking tools and equipment. Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

Waste Disposal Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Use sand or other non- combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue.

RCRA STATUS

Liquid could be classified as D001 under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store as flammable material. Flammable vapors may collect in low lying areas.

Incompatible Materials Certain plastics.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heptane	400 ppm	500 ppm	-
Mineral Spirits	100 ppm	500 ppm	-
Propane /n- Butane	1000 ppm	1000 ppm	-

Appropriate engineering controls

Engineering Controls Use only outdoors or in a well-ventilated area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Mild
Appearance	Dark-brown spray	Odor Threshold	Not determined
Color	Dark-brown		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not flammable	
Evaporation Rate	5	(butyl acetate = 1)
Flammability (Solid, Gas)	Extremely flammable aerosol	
Upper / Lower Flammability Limit	Not determined	
Vapor Pressure	124	@ 68°F (20 ° C)
Vapor Density	> 2	(Air=1)
Specific Gravity	0.0805	(1=Water)
Water Solubility	0%	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	n-OCTANOL/WATER (KOW)
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Explosive Properties	Not determined	
Volatility Including Water	77% Volatile	
VOC Content (%)	77%	

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to Avoid Temperatures greater than 122°F and source of ignition.

Incompatible Materials Certain plastics.

Hazardous Decomposition Products Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact Causes irritation, burning, redness, tearing.

Skin Contact May cause mild irritation, localized defatting, repeated prolonged contact may cause allergic reaction in some individuals.

Inhalation May cause irritation to the respiratory tract, nausea, vomiting

Ingestion May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane - 74-98-6	-	-	= 658 mg/L (Rat) 4 h
Heptane - 142-82-5	= 15,000 mg/kg (Rat)	2,000 mg/kg (Rabbit)	103 g/m3 (Rat) 4hr

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A.

12. ECOLOGICAL INFORMATION

Ecotoxicity This material is toxic to aquatic life.

Component Information

Persistence/Degradability Biodegradation: Expected to be slowly biodegradable. Natural carbon dioxide will slowly neutralize this material.

Bioaccumulation This product is not expect to bioaccumulate.

Mobility This product is mobile in soil.

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT (each not exceeding 1 L capacity)
UN/ID No UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1

IATA
UN/ID No UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1

IMDG
UN/ID No UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1

15. REGULATORY INFORMATION

International Inventories

The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, China, Europe (EINECS), Japan, Korea, Philippines.

US Federal Regulations

TSA STATUS: All Chemicals are listed or exempt.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

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

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	3	1	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet