

Issue Date: 20-Jul-2015

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name METAL PROTECTIVE COATING

Other means of identification

SDS #

ITEM# M-27111
 M-27112
 M-27115
 M-27117

Recommended use of the chemical and restrictions on use

Recommended Use Solvent-based rust preventative and coating.

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 832-399-1000
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Brown **Physical State** Liquid **Odor** Mild hydrocarbon

Classification

Flammable liquid	Category 3
Aspiration hazard	Category 1
Skin corrosion/ irritation	Category 2
Eye damage/irritation	Category 2A
Specific target organ toxicity (single expose - central nervous system and respiratory tract)	Category 3

Signal Word DANGER

Hazard Symbol



Hazard Statements

Flammable liquid and vapor.
May be fatal if swallowed and enters airway.
Cause skin irritation.
Cause serious eye irritation.
May cause drowsiness or dizziness
May cause respiratory irritation.

Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area.
Wash skin thoroughly after handling.
Wear protective gloves/ eye protection/ face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.
IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/ physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Precautionary Statement – Storage

Store locked up
Store in a well-ventilated place. Keep cool

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Distillates (PET), hydrotreated light	64742-47-8	< 20
Solvent naptha (PET), medium aliphatic	64742-88-7	< 20
Distillates (PET), hydrotreated light, low boiling	68410-97-9	20-60
Rust Preventative Additive	Proprietary	20-60

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.
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Most important symptoms and effects

Symptoms of Overexposure	Irritation. Dermatitis. Nausea. Vomiting. Diarrhea. Breathing difficulties.
Potential Acute Health Effect	May cause central nervous system depression, irritating to respiratory system, irritating to eyes and skins, may enter lungs and cause damage if inhaled.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

<u>Suitable Extinguishing Media</u>	Use dry sand, dry chemical or alcohol-resistant foam for extinction
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Unsuitable Extinguishing Media	Do not use straight streams.
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<u>Specific Hazards Arising from the Chemical</u>	Vapors may be heavier than air and may travel along the ground to a distant Ignition and flash back. Container may rupture on heating.
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Hazardous Combustion Products	Toxic fumes, gases or vapors may evolve on burning.
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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 procedures**

Personal Precautions	See in Section 8 for personal protective equipment.
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Environmental Precautions	See Section 12 for additional Ecological Information.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so If the product contaminates rivers and lakes or drains inform respective authorities. Absorb or cover with dry earth, sand or other non-combustible material.
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Methods for Clean-Up	Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See section 13 for waste disposal.
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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.
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Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature > 40°F.

Incompatible Materials

Strong acids.

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Distillates(pet), hydrotreated light 64742-47-8 Solvent naptha (pet), medium aliph 64742-88-7	TWA: 2,000 mg/m ³	TWA: 2,000 mg/m ³	-
Distillates (PET), hydrotreated light, low boiling	TWA: 200 ppm 8 hr		

Appropriate engineering controls**Engineering Controls**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Safety glasses with side shields.

Skin and Body Protection

Chemical-resistant, impervious gloves, 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. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid	Odor	Mild
Appearance	Transparent	Odor Threshold	Not determined
Color	Brown		
Property	Values	Remarks • Method	
pH	N/A		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	Flammable		
Evaporation Rate	< 1.0	(butyl acetate = 1)	
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	> 1.0	@ 68°F (20 ° C)	
Vapor Density	> 1.0	(Air=1)	

Specific Gravity	0.8	(1=Water)
Water Solubility	Insoluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	Not determined	

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	Incompatible materials. Heat, shock, friction, static charges, and electrical current sources.
Incompatible Materials	Strong acids, strong alkalis, strong oxidizing agents, chlorine, oxygen.
Hazardous Decomposition Products	Smoke, Oxides of carbon, nitrogen compounds, aldehyde and other products of incomplete combustion

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Likely Routes of Exposure	Inhalation, ingestion, skin absorption, and accidental ingestion
Eye Contact	Causes serious eye irritation.
Skin Contact	Harmful in contact with skin.
Inhalation	May cause irritation to the mucous membranes and upper respiratory tract.
Ingestion	May be harmful if swallowed. May cause gastrointestinal irritation or diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates(PET), hydrotreated light 64742-47-8	> 5,000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Solvent naptha (PET), med aliphatic 64742- 88 -7			
Distillates (PET), hydrotreat light, low boiling	5170 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 7.63 mg/L (Rat) 4 h

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

Aggravated Medical Condition	Preexisting disorders of the following organs may be aggravated by exposure: Skin, Central Nervous System, Liver, Kidney, Respiratory disorder
Carcinogenicity	Carcinogenic potential is unknown.
Aspiration hazard	May be fatal if swallowed and enters airway

Numerical measures of toxicity Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum Distillates, Hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Aliphatic Hydrocarbon Solvent 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static		100: 48 h Daphnia magna mg/L EC50

Persistence/Degradability Not determined

Bioaccumulation Not determined

Mobility Not determined

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

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT UN1268, Petroleum product, N.O.S, Class III Flammable liquid; Packing group III
(Not regulated if shipped in NON BULK packaging by ground transport)

IATA UN1268, Petroleum product, N.O.S, Class III Flammable liquid; Packing group III

IMDG UN1268, Petroleum product, N.O.S, Class III Flammable liquid; Packing group III

15. REGULATORY INFORMATION

International Inventories The component(s) of this products is listed or exempted

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Distillates (pet) hydrotreated light 64742-47-8	Y	Y					Y	Y	Y	Y

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Distillates (PET), hydrotreated light, low boiling	Y	Y	Y				Y	Y	Y	Y
Rust Preventative Additive Mixture	Y	Y	Y			y	Y	Y	Y	Y

Legend:*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****CERCLA Hazardous Substance** None known**SARA 311/312 Hazard Categories** *Fire Hazard, Acute Health Hazard, Chronic Health Hazard***SARA 313** This product does not contain 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** None known

U.S. State Right-to-Know Pennsylvania RTK, New Jersey RTK
 Distillates(PET), hydrotreated light CAS# 64742-47-8
 Solvent naphtha (PET), med aliphatic CAS# 64742- 88 -7

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2	2	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	2	0	Not determined

Issue Date: 20-Jul-2015**Revision Date:****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