

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**PRODUCT**

Product Name: Anti-Seize Lubricants
Product Description: Anti-corrosion agent
Intended Use: Anti-corrosion agent in marine applications

COMPANY IDENTIFICATION

Supplier: **BURNDY LLC**
47 East Industrial Park Drive
Manchester, NH 03109 USA

Canada Distributor: **BURNDY Canada Inc.**
870 Brock Rd S
Pickering, ON. L1W 1Z8

24 Hour Emergency (INFOTRAC): (800) 535-5053 (*US and Canada*)
(352) 323-3500 (*International*)
Burndy Informational Number: (603) 647-5000

SECTION 2 HAZARDS IDENTIFICATION**CLASSIFICATION**

Health	Environmental	Physical
Serious Eye Damage/Eye Irritation - Category 2A	No Classifiable Hazards	No Classifiable Hazards

LABELLING**Symbols:****Signal Word:** Warning

Hazard Statements	Precautionary Statements
H319: Causes serious eye irritation	P264: Wash hands thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+313: If eye irritation persists, get medical advice/attention

Potential Health Effects (Acute and Chronic): Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components. Repeated or prolonged inhalation of graphite or carbon dusts may cause pulmonary fibrosis, emphysema, and pneumoconiosis. The severity of these effects is greatly influenced by the presence of other harmful mineral dusts, most notably crystalline silica. This product contains encapsulated silicon dioxide (quartz, silica). No exposure to free, respirable silica is anticipated during normal use of this product. Free, respirable silica has been listed as a confirmed human carcinogen by NTP and IARC. Inhalation of free, respirable silica may cause silicosis or other serious delayed lung injury. Silica may be released by grinding or machining of coated materials. Use NIOSH-approved dust/mist respirator when grinding or machining coated items.

Inhalation: May cause irritation to the respiratory tract. Inhalation of dusts at levels above recommended exposure limits may cause a metallic or sweet taste.

Skin Contact: May cause mild skin irritation. Prolonged and/or repeated contact may cause irritation and/or dermatitis.

Eye Contact: Dust may cause mechanical irritation. May cause tearing, redness, and swelling. May result in corneal injury.

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Ingestion: No hazard expected in normal industrial use. May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Potential Environmental Effects: See Section 12 for more information

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**MIXTURES.**

Name	CAS#	Wt. Percentage*	Comments
Aliphatic petroleum distillate	64742-52-5	55	NIL
Graphite	7782-42-5	15	NIL
Silica, amorphous treated	112945-52-5	1	NIL

* 0 - 29 % material composition inclusive of inert and non-hazardous filler withheld as trade secret in accordance with paragraph 1910.1200(i)(1). Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4 FIRST AID MEASURES**DESCRIPTION OF NECESSARY FIRST AID MEASURES:**

Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get medical aid.
Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Gently wash with plenty of soap and water. Get medical attention if irritation persists. Wash contaminated clothing separately before reuse.
Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Get medical aid.
Ingestion:	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupful of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Call a poison control center.
Signs and Symptoms Of Exposure:	Symptoms may not be readily apparent. Get medical advice/attention.
Note to Physicians:	Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

See toxicological information (Section 11)

SECTION 5 FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA**

Suitable Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog. If water is used, fog nozzles are preferred.

Protective Equipment And Precautions for Firefighters:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Containers may explode in the heat of a fire. Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards:

High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Do not empty into drains. Material that cannot be recovered or reused should be disposed of in accordance with all Federal, State and Local regulations.

Steps To Be Taken In Case Material Is Released or Spilled: Spills/Leaks: Provide ventilation. Avoid breathing vapors, mist or gas. Remove all sources of ignition. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on Safe Handling: Avoid contact with skin and eyes. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.
Do not reuse empty containers without first having them commercially cleaned or reconditioned. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions: Store in a cool, dry, well-ventilated area away from incompatible substances. Store away from heat. Store in a tightly closed container. Keep container closed when not in use. Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practices.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

INGREDIENT	ACGIH TWA	OSHA TWA	OTHER LIMITS
Aliphatic petroleum distillate	No data	No data	No data
Graphite	TLV: 2 mg/m ³ (resp. except fibers)	PEL: 532.5 ppm/15 mppcf	No data
Silica, amorphous treated	No data	No data	No data

CONTROL PARAMETERS

Appropriate Engineering Controls: Use adequate general or local exhaust ventilation to minimize exposure levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

INDIVIDUAL PROTECTION MEASURES

Eye/Face Protection: Safety glasses, chemical goggles, and/or face shield should be worn.

Hand Protection: Not required under normal use conditions. Solvent resistant gloves required for prolonged or repeated contact.

Skin And Body Protection: Wear appropriate protective clothing to prevent skin exposure. Chemical resistant apron.

Respiratory Protection: Not required under normal use conditions. Avoid breathing vapors or dusts. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Physical State: Solid
Appearance: Metallic. Grayish. Paste.

Odor:	Slight. Petroleum-like.
Melting Point:	Not available
Boiling Point:	500 °C (932 °F)
Auto-Ignition Temperature:	No data
Flash Point:	302 °F (150 °C) Method Used: Pensky-Marten Closed Cup
Explosive Limits:	
LEL:	No data
UEL:	No data
Specific Gravity (Water = 1):	1.21
Density:	Not available
Vapor Pressure (vs. Air or mm Hg):	No data
Vapor Density (vs. Air = 1):	Heavier than air
Evaporation Rate:	Slower than ether
Solubility in Water:	Nil
Percent Volatile:	No data

SECTION 10 STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid - Instability:	High temperatures, Incompatible materials.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong acids, Strong bases, nitrates, nitrite, chlorinated hydrocarbons, magnesium, chlorides, diborane, palladium, selenium, manganese, potassium chlorate, sodium carbonate, sulfates.
Hazardous Decomposition Products:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions:	Will not occur
Conditions to Avoid - Hazardous Reactions:	No data available.

SECTION 11 TOXICOLOGICAL INFORMATION

Epidemiology:	No information available.
Teratogenicity:	No information available.
Reproductive Effects:	No information available.
Mutagenicity:	No information available.
Neurotoxicity:	No information available.

ACUTE TOXICITY:

Ingredients	LD₅₀ (Oral)
Aliphatic petroleum distillate CAS# 64742-52-5	> 5 mg/kg, rat
Silica, amorphous treated CAS# 112945-52-5	3160 mg/kg, rat

Irritation or Corrosion:	Other Studies: CAS# 64742-52-5: Standard Draize Test, Skin, Species: Rabbit, 500.0 mg.
Carcinogenicity/Other Information:	This product contains encapsulated silicon dioxide (quartz, silica). No exposure to free, respirable silica is anticipated during normal use of this product. Free, respirable silica has been listed as a confirmed human carcinogen by NTP and IARC. Inhalation of free, respirable silica may cause silicosis or other serious delayed lung injury. Silica may be released by grinding or machining of coated materials. Use NIOSH-approved dust/mist respirator when grinding or machining coated items.

Carcinogenicity:	
NTP:	No
IARC Monographs:	No

OSHA Regulated: No

SECTION 12 ECOLOGICAL INFORMATION

General Ecological Information:
Environmental: No information available.
Physical: No information available.
Persistence And Degradability: Not data available
Bio accumulative Potential: Not data available
Mobility in Soil: Not data available

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Instructions: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORTATION

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard Class	Packing Group	Additional Information
DOT	Not regulated by DOT				

SECTION 15 REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

Chemical Name	CAS#	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
Aliphatic petroleum distillate	64742-52-5	No	No	No
Graphite	7782-42-5	No	No	No
Silica, amorphous treated	112945-52-5	No	No	No

OTHER REGULATIONS:

Chemical Name	CAS#	Other US EPA or State Lists
Aliphatic petroleum distillate	64742-52-5	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8:No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
Graphite	7782-42-5	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8:Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 3325; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
Silica, amorphous treated	112945-52-5	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

INTERNATIONAL REGULATIONS:

Chemical Name	CAS#	International Regulations
Aliphatic petroleum distillate	64742-52-5	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes
Graphite	7782-42-5	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes
Silica, amorphous treated	112945-52-5	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes

SECTION 16**OTHER INFORMATION****NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**

Health - 1

Flammability - 1

Instability – 0

Caution: NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Revision Date	Description	Sections Affected
05/08/18	GHS SDS Version written	1-16
06/06/18	Logo change from Hubbell to Burndy	1-16