

SAFETY DATA SHEET (SDS)

Section 1. Identification				
Product identifier	AF-300-2			
Other means of identification 281				
Recommended use and restrictions on use LUBRICATING GREASE				
Initial supplier identifier	PROLAB TECHNOLUB INC. 4531 RUE INDUSTRIELLE, THETFORD MINES, (QUEBEC), G6H 2J1,			
	CANADA TEL. (418) 423-2777 FAX: (418) 423-7619			

Emergency telephone number/restriction on use Canada – CANUTEC 24 hour number 613-996-6666

Section 2. Hazard identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Skin irritation (Category 3) Eye irritation (Category 2A)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Warning

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

P264 Wash hands/nails/face thoroughly after handling. P280 Wear gloves/protective clothing/eye protection/face protection. P332 + P313 If skin irritation occurs: Get medical attention. 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.

(following sentences not mandatory) P403 + P203 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other hazards known None					
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Section 3. Composition/information on ingredients					
Chemical name (common name/synonyms)	CAS number or other	Concentration (%)			
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	10-20			
Calcium carbonate	471-34-1	5-10			
Residual oil (petroleum)	64741-95-3	50-70			
Petroleum distillates, hydrotreated naphthenic	64742-52-5	10-20			
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	1-5			
Calcium dodecylbenzenesulphonate	26264-06-2	1-5			
Sulfonic acids, petroleum, calcium salts	61789-86-4	1-5			
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	1-5			
Section 4. First-aid measures					
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Section 4. Phist-aid measures		
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.	
Ingestion	IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is	
	rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two	
	glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.	
Skin contact	If skin irritation occurs: Get medical attention. Rinse skin with water (5-10 minutes).	
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do.	
	Continue rinsing. If eye irritation persists: Get medical attention.	

Eye irritation. Most important symptoms and effects (acute or delayed) Indication of immediate medical attention/special treatment | In all cases, call a doctor. Do not forget this document.

Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products) Carbon oxides and other irritant/toxic gases and fumes.

Suitable and unsuitable extinguishing media

In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.

Special protective equipment and precautions for fire-fighters

During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.



Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

Section 7. Handling and storage

Precautions for safe handling

Wear gloves/protective clothing/eye protection/face protection.

Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

Section 8. Exposure controls/Personal protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 471-34-1 PEL-TWA – 15 mg/m³ (total) & 5 mg/m³ (respirable);

Appropriate engineering controls

Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Individual protection measures/personal protective equipment

Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

Section 9. Physical and chemical properties				
Appearance, physical state/colour Tan grease	Vapour pressure Not available			
Odour Oil	Vapour density Heavier than air			
Odour threshold Not available	Relative density 1.02			
pH Not available	Solubility Negligible			
Melting/freezing point Not available	Partition coefficient - n-octanol/water Not available			
Initial boiling point/range Not available	Auto-ignition temperature Not available			
Flash point 175 °C (ASTM D 92)	Decomposition temperature Not available			
Evaporation rate Not available	Viscosity Not available			
Flammability (solids and gases) Not available	VOC Not available			
Upper and lower flammability/explosive limits Not available	Other None known			
Continu 10. Stability and popularity				

Section 10. Stability and reactivity

Reactivity

Does not react under the recommended storage and handling conditions prescribed.

Chemical stability

Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

None known.

Conditions to avoid (static discharge, shock or vibration)

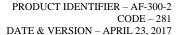
None known.

Incompatible materials

Oxidizing materials; etc.

Hazardous decomposition products

None known





Energy efficiency since 1985

Section 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Causes mild skin irritation. Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – No data available;

Respiratory Sensitization - No data available;

Germ Cell Mutagenicity - No data available;

Carcinogenicity - No ingredient listed by IARC, ACGIH, NTP or OSHA;

Reproductive Toxicity – No data available;

Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity — Repeated Exposure – No data available;

Aspiration Hazard – No data available;

Health Hazards Not Otherwise Classified – No data available;

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)

CAS 471-34-1 LD₅₀ Oral - Rat - 6450 mg/kg;

ATE not available in this document.

Section 12. Ecological information

Ecotoxicity (aquatic and terrestrial information)

No data available for the product.

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Other adverse effects No data available

Section 13. Disposal considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

NOT REGULATED

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

NOT REGULATED

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

NOT REGULATED

Special precautions (transport/conveyance) None Environmental hazards (IMDG or other) None

Bulk transport (usually more than 450 L in capacity) Possible

Section 15. Regulatory information

Safety/health Canadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics Refer to Section 3 for ingredient(s) of the DSL

Safety/health/environmental outside regulations specifics

United States OSHA information: This product is regulated according to OSHA (29 CFR).

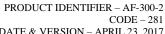
United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.

National Fire Protection Association (NFPA):

HEALTH: 1 FLAMMABILITY: 1 INSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.

HAZARD SCALE: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

California Proposition 65: This product may contain traces of a material known to the State of California to cause cancer or other reproductive harm.



DATE & VERSION - APRIL 23, 2017



Section 16. Other information		
Date of the latest revision of the safety data sheet April 23, 2017 version 1 (NSS ENTREPRISE INC.)		
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.	
Abbreviations		
ACGIH	American Conference of Governmental Industrial Hygienists	
ATE	Acute toxicity estimate	
CAS	Chemical Abstract Service	
DSL	Domestic Substance List	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods Code	
LC	Lethal concentration	
LD	Lethal Dosage	
NIOSH	National Institute for Occupational Safety and Health	
NTP	National Toxicology Program (U.S.A.)	
OSHA	Occupational Safety and Health Administration (U.S.A.)	
PEL	Permissible Exposure Limit	
STEL	Short-term Exposure Limit	
TDG	Transport of dangerous goods in Canada	
TLV	Threshold Limit Value	
TSCA	Toxic Substances Control Act	
TWA	Time Weighted Average	
WHMIS	Workplace Hazardous Materials Information System	

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