



MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT & COMPANY IDENTIFICATION

Product Name: Albatross Lubricating Oil Group: Lily White ISO 22, Crystal Clear ISO 32 and ISO 68 Lubricating Oil

Product Code: 3001, 3002, 3020, 3021, 3023, 3030, 3031, 3032, 3033, 3065, 3066, 3067 & 3068

Material uses: Lubricating Oil

Date: 06/01/09

Manufacturer's name and address: Refer to supplier

Supplier name and address:

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
Long Island City, New York
United States
11106
718-392-6272

5439 San Fernando Road West
Los Angeles, California
United States
90039
818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

SECTION 2 — HAZARDS IDENTIFICATION

Physical State: Bright oily liquid

Odor: Petroleum

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency Overview: WARNING!
CAUSES EYE AND SKIN IRRITATION
Avoid breathing vapour or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards

Skin: Irritating to skin

Eyes: Irritating to skin

Potential chronic health effects

Chronic effects: No known significant effects or critical hazards

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Teratogenicity: No known significant effects or critical hazards

Developmental effects: No known significant effects or critical hazards

Fertility effects: No known significant effects or critical hazards

Over-exposure signs/symptoms

Inhalation: No specific data

Ingestion: No specific data

Skin:	Adverse symptoms may include the following: irritation redness
Eyes:	Adverse symptoms may include the following: pain or irritation watering redness
Medical conditions aggravated by over-exposure:	None known

See toxicological information (section 11)

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

United States		
Name	CAS #	%
Base Oils	See Below	>99

The Base Oil may contain one or more of the following ingredients: 61788-76-9, 64741-88-4, 64742-01-4, 64742-65-0, 64742-89-5, 64742-48-9, 64742-52-5, 64742-56-3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 — FIRST AID MEASURES

Eye Contact:	Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
Skin Contact:	Wash with soap and water. Get medical attention if symptoms occur.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Notes to Physician:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5 — FIRE FIGHTING MEASURES

Flammability of the product:	May be combustible at high temperature
Extinguishing media Suitable:	Use dry chemical, CO ₂ , water spray (fog) or foam
Not suitable:	None known
Hazardous thermal	

decomposition products:	No specific data
Special protective Equipment for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods for cleaning up:	
Small spill:	Stop leak if without risk. Move containers from spill area. Dispose of via a licensed waste disposal contractor.
Large spill:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7 — HANDLING AND STORAGE INFORMATION

Handling:	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

United States

Product Name
Exposure Limits

Base Oils

NIOSH REL (United States, 6/2008)
 STEL: 10 mg/m³ 15 minute(s). Form: Mist
 TWA: 5 mg/m³ 10 hour(s). Form: Mist

Consult local authorities for acceptable exposure limits.

Recommended monitoring
Procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures:

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection
Eyes:

Safety glasses.

Skin:

Lab coat

Respiratory:

A respirator is not needed under normal and intended conditions of use.

Hands:

Natural rubber (latex)

Personal protective
Equipment (Pictograms):

HMIS Code/Personal protective equipment:

B

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bright oily liquid
Flash Point:	Open cup: 168 to 204° C (334.4 to 399.2° F) [Cleveland]
Auto-ignition temperature:	315° C (599° F)
Color:	Golden
Odor:	Petroleum
Relative Density:	0.9 to 0.93 @ 15.6° C
Vapor Pressure:	<0.13kPa (<1 mm Hg)
VOC:	100%
Solubility:	Insoluble in the following materials: cold water and hot water

SECTION 10 — STABILITY AND REACTIVITY DATA

Stability:	The product is stable.
Hazardous polymerization:	Under normal conditions of storage and use, hazardous polymerization will not occur
Conditions to Avoid:	No specific data
Materials to Avoid:	Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity

Product/ingredient name	Species	Dose	Result	Exposure
Base Oils	Rabbit	>2g/kg	LD50 Dermal	--
	Rat	>5 g/kg	LD50 Oral	--

Inhalation:	No known significant effects or critical hazards
Ingestion:	No known significant effects or critical hazards
Skin:	Irritating to skin
Eyes:	Irritating to eyes

SECTION 12 — ECOLOGICAL INFORMATION

Environmental effects:	No known significant effects or critical hazards.
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SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

SECTION 14 — TRANSPORT INFORMATION

AERG: Not applicable
Regulatory information
DOT/IMDG/IATA: Not regulated

SECTION 15 — REGULATORY INFORMATION

United States

HCS Classification: Irritating material

U.S. Federal regulations:

United States inventory (TSCA 8b): All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found

Clean Air Act (CAA) 112 accidental release prevention: No products were found

Clean Air Act (CAA) 112 regulated flammable substances: No products were found

Clean Air Act (CAA) 112 regulated toxic substances: No products were found

State Regulations:

Connecticut Carcinogen Reporting: None of the components are listed.

Connecticut Hazardous Material Survey: None of the components are listed.

Florida substances: None of the components are listed.

Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.

Louisiana Reporting: None of the components are listed.

Louisiana Spill: None of the components are listed

Massachusetts Spill: None of the components are listed.

Massachusetts Substances: The following components are listed: Base Oils.

Michigan Critical Material: None of the components are listed.

Minnesota Hazardous Substances: None of the components are listed.

New Jersey Hazardous Substances: None of the components are listed.

New Jersey Spill: None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.

New York Acutely Hazardous Substances: None of the components are listed.

New York Toxic Chemical Release Reporting: None of the components are listed.

Pennsylvania RTK Hazardous Substances: None of the components are listed.

Rhode Island Hazardous Substances: None of the components are listed.

California Prop 65: No products were found.

International regulations

International lists: This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Phillipines (RA6969).

SECTION 16 — OTHER INFORMATION

Label Requirements: CAUSES EYE AND SKIN IRRITATION

HAZARD RATINGS

- 4 - Extreme
- 3 - Serious
- 2 - Moderate
- 1 - Slight
- 0 – Minimal

See Section 8 for more detailed information on personal protection.

Health	1
Fire Hazard	1
Physical Hazard	0
Personal Protection	B

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.):

Health	1	1	Flammability
		0	Instability
			Special

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Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.