

Material Safety Data Sheet

Revision Date 27-Jan-2012

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code DL4340K12
Product name Gust-O Air Tool Lubricant
Recommended Use Lubricant

Supplier Drummond American
A Lawson Products Company
600 Corporate Woods Parkway
Vernon Hills, IL 60061
(847) 913-9313

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Harmful if swallowed. Irritant.

Aggravated Medical Conditions

Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Eyes. Skin. Inhalation. Ingestion.

Potential health effects

Eyes Irritation. Prolonged or repeated exposure may cause . Conjunctivitis. inflammation.

Skin Skin Irritation. Repeated or prolonged exposure may cause:. Redness. Itching. Swelling. Dermatitis. Chronic exposure causes drying effect on the skin .

Inhalation May cause irritation of respiratory tract. Chemical pneumonitis. Long term exposure may cause lung fibrosis or pneumoconiosis.

Ingestion Irritation of the throat. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard. May cause severe lung damage if aspirated into the lungs from ingestion or vomiting. Death.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Residual oils (petroleum), solvent dewaxed	64742-62-7	0-75
Hydrotreated Paraffinic Base Oil	64742-58-1	25-99
Residual oils (petroleum), hydrotreated	64742-57-0	0-75

Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based	72623-83-7	0-75
Mineral Oil	Proprietary	0-1.5
Zinc	7440-66-6	0-1

4. FIRST AID MEASURES

Eye contact Remove to fresh air. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Remove and wash contaminated clothing before re-use. Wash area thoroughly with soap and water. Seek medical attention if irritation persists.

Ingestion Do Not induce vomiting. Keep head below hips if vomiting occurs. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Inhalation Remove to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical attention if irritation persists.

Notes to physician Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash point °C 180
Flash point °F 356
Method Open cup

Autoignition temperature °C 357
Autoignition temperature °F 675

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media

Carbon dioxide (CO2). Foam. Dry chemical powder. Water fog.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Fire and Explosion Hazards

Empty containers contain residue and/or vapors. Do not weld, cut, pressurize, braze, solder, drill, grind, or expose such containers to heat, sparks, flame, static electricity, or other sources of ignition. They may explode and cause injury or death. Keep product and empty container away from heat and sources of ignition. Do not use direct water stream.

Hazardous decomposition products

See Section 10.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Ventilate area to maintain exposure below permissible exposure limits. Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Eliminate all sources of ignition. Shut off source of leak if safe to do so. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs. Collect and contain for disposal. Soak up with inert absorbent material. Dike or dam large spills. Place in suitable container for disposal as hazardous waste. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE**Handling**

Keep in a well-ventilated place. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Do not weld flame cut, or heat empty containers. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such contents to heat, flames, and other sources of ignition. Keep container closed when not in use. Avoid using sparking tools. Surfaces that are sufficiently hot may ignite product in the absence of sparks or flame.

Storage

Containers exposed to extreme heat may burst. Do not store sealed containers near heat. Keep away from heat. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Residual oils (petroleum), hydrotreated	5 mg/m ³	-	-	10 mg m3
Residual oils (petroleum), solvent dewaxed	-	-	-	-
Hydrotreated Paraffinic Base Oil	-	-	-	-
Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based	-	-	-	-
Mineral Oil	-	-	-	-
Zinc	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area.

Hygiene measures

Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke.

Respiratory protection

Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator. Use NIOSH approved respirator if TLV limit is exceeded. Use a positive pressure supplied air respirator. if there is any potential for an uncontrolled release. where exposure levels are not known.

Hand Protection

Nitrile gloves. Neoprene gloves. Protective gloves.

Eye protection

Use safety eyewear designed to protect against splash of liquids. Contact lenses should not be worn.

Skin and body protection

Chemical resistant apron. Boots. Long sleeved clothing. Lightweight protective clothing.

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Amber
Odor	Petroleum
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	0.88
Vapor pressure	< 0.1 mmHg @ 25°C
Density	880 g/l
Vapor density	Not Applicable
Evaporation Rate	Not Applicable
Water solubility	Insoluble
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	246
Boiling point/range °F	475
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	180
Flash point °F	356

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Heat, flames and sparks.

Incompatibility

Strong oxidizing agents. Reducing agents. Acids.

Hazardous Decomposition ProductsAldehydes. Hydrogen sulfide. Mercaptans. Sulfides. Nitrogen oxides (NO_x). oxides of phosphorus. Sulfur oxides. Carbon monoxide. Unidentifiable organic compounds.**Polymerization**

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Residual oils (petroleum), hydrotreated 64742-57-0	-	-	-
Residual oils (petroleum), solvent dewaxed 64742-62-7	5000 mg/kg	2000 mg/kg	2.18 mg/L
Hydrotreated Paraffinic Base Oil 64742-58-1	2000 mg/kg	2000 mg/kg 4480 mg/kg	-
Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based 72623-83-7	5000 mg/kg	-	-
Mineral Oil Proprietary	-	-	-
Zinc 7440-66-6	-	-	-

Synergistic Products None known**Potential health effects**

Sensitization	None known
Chronic toxicity	See Section 2 .
Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	See Section 2
Carcinogenic effects	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Residual oils (petroleum), hydrotreated	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Residual oils (petroleum), solvent dewaxed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Hydrotreated Paraffinic Base Oil	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Mineral Oil	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Zinc	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Residual oils (petroleum), solvent dewaxed

Water Flea Data*Daphnia magna* hEC50 48 (>1000 mg/L)

Zinc

Water Flea Data*water flea* hEC50 72 (5 µg/L)**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Zinc	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Residual oils (petroleum), hydrotreated	Not Listed	Not Listed	Not Listed
Residual oils (petroleum), solvent dewaxed	Not Listed	Not Listed	Not Listed
Hydrotreated Paraffinic Base Oil	Not Listed	Not Listed	Not Listed
Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based	Not Listed	Not Listed	Not Listed
Mineral Oil	Not Listed	Not Listed	Not Listed
Zinc	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Residual oils (petroleum), hydrotreated	X	X	-	X
Residual oils (petroleum), solvent dewaxed	X	X	-	X
Hydrotreated Paraffinic Base Oil	X	X	-	X
Lubricating Oils, Petroleum, C>25, Hydrotreated Bright-Stock Based	X	X	-	X
Mineral Oil	-	-	-	-
Zinc	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA

Health - 1
Flammability - 1
Reactivity - 0

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.