

MATERIAL SAFETY DATA SHEET

MANUFACTURER

Famous Lubricants, Inc.  
124 W. 47th St.  
Chicago, Ill. 60609

PRODUCT NAME

Air Compressor Oil MC-AW 150

PRODUCT CODE - None

CHEMICAL NAME

Petroleum Lubricating Oil

CAS NUMBER

Complex Mixture

PRODUCT APPEARANCE AND ODOR

Clear, light yellow liquid  
Bland hydrocarbon odor

EMERGENCY TELEPHONE NUMBER

312-263-2555

HEALTH

Non-hazardous  
Except if fumes are generated (OHCS)

PRECAUTIONARY STATEMENT

None

COMPONENTS AND HAZARD INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM BASIS

Health 1 Flammability 1 Reactivity 0

Recommended by Famous Lubricants

EXPOSURE LIMIT FOR PRODUCT BASIS

5 mg/m<sup>3</sup> for oil mist in air  
5 mg/m<sup>3</sup> for oil mist or fumes

OSHA Reg. 29 CFR 1910.00  
Recommended by the American  
Conference of Governmental  
Hygienists (ACGIH)  
STEL

10 mg/m<sup>3</sup>

COMPONENTS

	CAS#	%	HAZARD DATA
Petroleum Oil Base Stock	64742-54-7	>99	Oral: LD 50 (rat) 5 g/kg
OR	64742-65-0		

Rust and oxidation inhibitor with pour depressant: contains zinc dialkydithiophosphate

1 Eye: LD 50 (rat) 2.3 ml/kg  
Mild irritant

PHYSICAL HAZARD CLASSIFICATION

(Per OSHA Reg. 29 CFR 1910.1200)

<u>0</u> Combustible	<u>No</u> Oxidizer	<u>No</u> Compressed Gas	<u>No</u> Organic Peroxide
<u>0</u> Pyrophoric	<u>No</u> Explosive	<u>No</u> Reactivity	<u>No</u> Unstable
<u>es</u> Flammable*			<u>Yes</u> Stable

\*(Product could burn if heated to temperature above flashpoint)

PRODUCT LISTED AS POTENTIAL CARCINOGEN OR CARCINOGEN BY:

TP <u>No</u>	IARC <u>No</u>	OSHA <u>No</u>	Other <u>No</u>
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PHYSICAL DATA

Boiling RANGE ASTM D 2887  
BP approximately 555°F

VAPOR PRESSURE mm Hg  
< 0.01

VAPOR DENSITY  
> 5

SPECIFIC GRAVITY H<sub>2</sub>O=1  
86

% VOLATILE BY VOLUME  
Negligible

POUR POINT ASTM D

**MATERIAL SAFETY DATA SHEET**  
**AIR COMPRESSOR OIL MC-AW 150**EVAPORATION RATE @ 1 ATM. n-BUTYL ACETATE = 1  
<0.01SOL. IN H<sub>2</sub>O @ 1 ATM.  
< 0.1%VISCOSITY ASTM  
150 SUSVISCOSITY ISO-VG  
32 cst @ 40°CpH UNDILUTED  
ESSENTIALLY NEUTRAL-----  
**ROUTES OF ENTRY AND FIRST AID PROCEDURES**  
-----**EYE CONTACT**

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

**SKIN**

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

**INHALATION**

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from point of exposure and call a physician. If breathing is irregular or has stopped, start resuscitation and administer oxygen. If over exposed to oil mist, remove from further exposure until excessive oil mist subsides.

**INGESTION**

DO NOT induce vomiting if ingested: CALL A PHYSICIAN AT ONCE

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**FIRE AND EXPLOSION DATA**  
-----FLASH POINT ASTM D 92 Cleveland Open Cup  
405°FAUTOIGNITION TEMP.  
>500°F**NATIONAL FIRE PROTECTION ASSOC. -NFPA- HAZARD IDENTIFICATION**

<u>1</u> Health	<u>1</u> Flammability	<u>0</u> Reactivity		
0=Insignificant	1=Slight	2=Moderate	3=High	4=Extreme

**HANDLING PRECAUTIONS**

Use product with caution, around heat, sparks, pilot lights, open flame, and static electricity.

**FLAMMABLE OR EXPLOSIVE LIMITS - VOLUME % IN AIR - ESTIMATED VALUES**

Lower Flammable Limit - 0.9%                      Upper Flammable Limit - 7%

**EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES**

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for fires involving this type of product, depending on size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities. The following procedures for this type of product are based on the recommendations in the NFPA'S "FIRE PROTECTION GUIDE on HAZARDOUS MATERIALS", 8th Ed. : Use water spray, dry chemical, foam or carbon dioxide.

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**MATERIAL SAFETY DATA SHEET**  
**AIR COMPRESSOR OIL MC-AW 150**

Use water to keep fire exposed containers cool. If a leak or a spill has not ignited use water spray to disperse the vapor and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or products of decomposition. Use supplied-air breathing apparatus for enclosed and confined areas.

**EMPTY CONTAINER WARNING**

Empty containers can retain residue, either liquid or vapor and could be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; **THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to the lubricant supplier or to a drum reconditioner. All other containers should be disposed of in environmentally safe manner and in accordance with governmental regulations.

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**HEALTH AND HAZARD INFORMATION**

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**HEALTH STUDIES**

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

**SIGNS AND SYMPTOMS OF EXPOSURE OR OVEREXPOSURE**

Prolonged or repeated skin contact may cause skin irritation.

**NATURE OF HAZARD AND TOXICITY**

Current OSHA Hazard Communication Standards do not require this product to have a cancer hazard warning. This is because the product is formulated from base oils which are either severely hydrotreated or severely solvent extracted. Repeated skin contact with this product tends to remove skin oils, possibly leading to irritation or dermatitis. Based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA. Product contacting the eyes may cause eye irritation. The product has a low order of acute oral and dermal toxicity. However, minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death. This product is judged to have and an acute Oral Lethal Dose 50% (rat) greater than 5 g/Kg of body weight and an acute Dermal Lethal Dose 50% (rabbit) greater than 3.16 g/Kg of body weight. There are no recognized pre-existing medical conditions which may be aggravated by exposure to this product.

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**HAZARDOUS DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

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Fire will generate fumes, smoke, carbon dioxide, carbon monoxide, aldehydes and trace oxides of sulfur, phosphorus, calcium, zinc and hydrogen sulfide.

**MATERIAL SAFETY DATA SHEET**  
**AIR COMPRESSOR OIL MC-AW 150**

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**REACTIVITY DATA**

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This product is stable and will NOT react violently with water. Hazardous polymerization will NOT occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite and calcium hypochlorite.

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**ENVIRONMENTAL INFORMATION**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Recover spilled product. Add sand, earth or other suitable absorbant to spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Conform with all governmental regulations.

**REPORTABLE QUANTITY (RQ)**

EPA REG. 40 CFR 302 CERCLA SECT. 102

No RQ for product or any constituent greater than 1% or 0.1% (carcinogen)

**THRESHOLD PLANNING QUANTITY (TPQ)**

EPA REG. 40 CFR 355 SARA SECT.301-304

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen)

**TOXIC CHEMICAL RELEASE REPORTING**

EPA REG. 40 CFR 372 SARA SECT.313

No toxic chemical is present greater than 1% or 0.1% (carcinogen)

**EPA HAZARD CLASSIFICATION CODE**

EPA REG. 40 CFR 370 SARA SECT.311-312

No Acute    No Chronic    No Fire    No Pressure    No Reactive

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**SPECIAL PROTECTION INFORMATION**

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**VENTILATION**

Use local exhaust to capture vapor, mists or fumes. Provide enough ventilation to prevent exceeding recommended exposure limit or build-up of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open flame.

**RESPIRATORY PROTECTION**

Use supplied-air respiratory protection in confined or enclosed areas.

**PROTECTIVE GLOVES**

Use chemical-resistant gloves, if needed, to prevent prolonged contact.

**EYE PROTECTION**

Use splash goggles or face shield when eye contact may occur.

**OTHER PROTECTIVE EQUIPMENT**

Use chemical-resistant apron, if needed, to avoid contaminating regular clothing which could result in prolonged skin contact.

**MATERIAL SAFETY DATA SHEET****AIR COMPRESSOR OIL MC-AW 150****WORK PRACTICES AND CONTROLS**

Keep containers closed when not in use. DO NOT store near heat. Keep away from sparks, open flame and/or strong oxidants. Store below 150°F.

**PERSONAL HYGIENE**

Minimize breathing vapor, mist or fumes. Avoid prolonged skin contact. Remove contaminated clothing, launder before using again. Thoroughly clean oil soaked shoes, discard if necessary. Cleanse skin thoroughly after contact. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

**TRANSPORTATION AND LABEL DATA****DEPARTMENT OF TRANSPORTATION INFORMATION**

Shipping Name: Petroleum lubricating oil  
Hazard Class: Non-hazardous  
Hazard Identification No: None assigned  
Shipping Containers: No restrictions  
Warning Placard: None assigned

**OSHA LABEL INFORMATION**

OSHA Hazard Warnings are not applicable for this product.

**TRANSPORTATION INCIDENT INFORMATION**

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for hazardous materials incidents - DOT P - 5800.3

**GENERAL COMMENTS**

ALL STATEMENTS, information and data provided in this material safety data sheet are believed to be accurate and reliable. They are presented without guarantee, warranty or responsibility of any kind, expressed or implied, on our part. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. Nothing contained herein is intended as permission, inducement, or recommendation to violate any laws or to practice any invention covered by existing patents.

For further information on health effects, please contact:

George E. Junker Technical Director

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