



U.S. DEPARTMENT OF LABOR

Form No. L58-005-4
May 1969

WAGE AND LABOR STANDARDS ADMINISTRATION
Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET



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UPDATE

VENDOR'S NAME Ingersoll-Rand Company 405-MG1	PURCHASE ORDER NO.
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Grease No. 100		SECTION I	
MANUFACTURER'S NAME NONFLUID OIL CORP.	EMERGENCY TELEPHONE NO. 201-344-3451		
ADDRESS (Number, Street, City, State, and ZIP Code) 298 Delancy St., Newark, N.J. 07105			
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS S-56/M		
CHEMICAL FAMILY Petroleum Grease	FORMULA		

SECTION II—HAZARDOUS INGREDIENTS					
PAINTS PRESERVATIVES AND SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES	NONE		OTHERS	NONE	
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III—PHYSICAL DATA			
BOILING POINT (°F.)	450° F.	SPECIFIC GRAVITY (H ₂ O=1)	.90 to .92
VAPOR PRESSURE (mmHg.)	Less than .01 mm.	PERCENT VOLATILE BY VOLUME (%)	NONE
VAPOR DENSITY AIR=1)		EVAPORATION RATE (Less than 0.001)	
SOLUBILITY IN WATER	Yes		
APPEARANCE AND ODOR	Amber Green - petroleum oil odor		

SECTION IV—FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method Used)	COC 410° F. min.	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	CO2 - Foam	Let	Cal
ADDITIONAL FIRE FIGHTING PROCEDURES	NONE		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Dangerous on contact with pressurized oxygen		

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① 53-197

SECTION V—HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

NONE

EMERGENCY AND FIRST AID PROCEDURES

NONE

SECTION VI—REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

NONE

INCOMPATIBILITY (Materials to avoid)

Pressurized Oxygen

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

MOP UP

WASTE DISPOSAL METHOD

INCINERATE

SECTION VIII—SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

NONE

OTHER

PROTECTIVE GLOVES

NONE

EYE PROTECTION

NONE

OTHER PROTECTIVE EQUIPMENT

SECTION IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

NONE



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