

Material Safety Data Sheet



Patented Refrigeration Technology

Manufactured and information prepared by:

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THIS MSDS COMPLIES WITH 29 CFR 1900.1200

SECTION 1 - IDENTITY/EMERGENCY INFORMATION

PRODUCT NAME:	COMPRESS SHIELD
PRODUCT CODES:	19008
CHEMICAL NAME:	MIXTURE, 19016
CHEMICAL FORMULA:	MIXTURE

IN CASE OF AN EMERGENCY CALL **1-800-255-3924**

SECTION 2 - INGREDIENTS

<u>COMPONENTS</u>	<u>CAS NO.</u>	<u>PEL/TLV - SOURCE</u>
ALKENES, C12-C24, CHLORO	68527-02-06	NOT ESTABLISHED
SOYBEAN OIL, EPOXIDIZED	8013-07-8	NOT ESTABLISHED
ACID TREATED HEAVY NAPHTHENIC		5MG/M3, 5MG/M3
PETROLEUM		TWA OSHA, ACGIH

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DISTILLATES	64742-18-3	10MG/M3 STEL, ACGIH AS MIST
LIGHT NAPHTHENIC		5MG/M3, 5MG/M3
HYDROTREATED PETROLEUM		TWA OSHA, ACGIH
DISTILLATE	64742-53-6	10MG/M3 STEL, ACGIH AS MIST

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TSCA INVENTORY

SECTION 3 - PHYSICAL DATA

BOILING POINT:	NOT APPLICABLE
VAPOR PRESSURE:	NOT APPLICABLE
VAPOR DENSITY (AIR = 1):	NOT APPLICABLE
SPECIFIC GRAVITY (H2O = 1):	1.228
SOLUBILITY IN WATER:	NEGLECTIBLE
APPEARANCE AND ODOR:	LIGHT AMBER LIQUID. MILD DISTINCT ODOR.
% VOLATILE (BY WT.):	0

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	374EF (CLEVELAND OPEN CUP)
EXPLOSIVE LIMITS:	NOT APPLICABLE
EXTINGUISHING MEDIA:	USE WATER FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND TURN OUT GEAR. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP EXPOSED CONTAINERS COOL. THIS PRODUCT AT HIGH TEMPERATURES RELEASES HYDROGEN CHLORIDE GAS.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID ALL SOURCES OF IGNITION - HEAT, SPARKS, OPEN FLAME.

HAZARD RATING: HEALTH - 1
FLAMMABILITY - 1
REACTIVITY-1

SECTION 5 - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

STABILITY: ELEVATED TEMPERATURES AND STRONG ALKALIES WILL PROMOTE THE DECOMPOSITION OF THIS PRODUCT. AT NORMAL ROOM TEMPERATURE, DECOMPOSITION IS VIRTUALLY NIL.

HAZARDOUS DECOMPOSITION PRODUCTS:

UNDER FIRE CONDITIONS: HYDROGEN CHLORIDE GAS, CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER DECOMPOSITION PRODUCTS.

MATERIALS TO AVOID: STRONG ACIDS, ALKALIES, AMINES, STRONG OXIDIZERS.

SECTION 6 - HEALTH HAZARD DATA

CARCINOGENICITY: NO CONSTITUENT OF 0.1% OR GREATER IN THIS PRODUCT IS LISTED BY OSHA, NTP, OR IARC.

PRIMARY ROUTE(S) OF ENTRY: INHALATION, EYE AND SKIN CONTACT, INGESTION.

POTENTIAL EFFECTS OF OVEREXPOSURE:

EYE: MAY CAUSE EYE IRRITATION.

SKIN: MINIMALLY IRRITATING, PROLONGED CONTACT CAN CAUSE DERMATITIS.

INGESTION: DO NOT TAKE INTERNALLY. MAY CAUSE NAUSEA AND DIARRHEA.

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INHALATION: MAY CAUSE RESPIRATORY IRRITATION.

FIRST AID PROCEDURES:

EYE CONTACT: IMMEDIATELY RINSE WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

INGESTION: IF INGESTED, FORCE FLUIDS IF CONSCIOUS. DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR, IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION, IMMEDIATELY.

SECTION 7 - SPECIAL PROTECTION

RESPIRATORY PROTECTION: IF HIGH EXPOSURE LEVELS FROM MIST OR VAPOR, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED. IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL, ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES (ANSI Z87.1 OR EQUIVALENT).

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MINIMIZE EXPOSURE.

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS VITON.

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OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED EXPOSURE OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING OR BOOTS.

SECTION 8 - ENVIRONMENTAL INFORMATION

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

SMALL AND LARGE SPILL: SPILL SHOULD BE CONTAINED AND PLACED IN SUITABLE CONTAINERS FOR DISPOSAL. PREVENT RUN OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT SPILL HAS OCCURRED.

WASTE DISPOSAL METHOD:

SMALL AND LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

EPA REGULATION 302 (CERCLA SECTION 102):

NO REPORTABLE QUANTITY (RQ) FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION CFR 355 (SARA SECTION 301-302):

NO THRESHOLD PLANNING QUANTITY FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN).

EPA REGULATION 40 CFR 372 (SARA SECTION 313):

QUANTITY PRESENT IS NOT REPORTABLE.

EPA REGULATION 40 CFR 370 (SARA SECTIONS 311-312):

NOT APPLICABLE FOR PRODUCT.

SECTION 9 - SHIPPING INFORMATION

D.O.T (49 CFR 172): NOT REGULATED

POISON CONSTITUENT: NONE

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BILL OF LADING: REFRIGERATION OIL IT 155250
 H.S. TARIFF CLASSIFICATION # 3811.21.0000
 INTERNATIONAL (UN/NA CODE): NOT REGULATED

DATE PREPARED: 09/06/02

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