



MATERIAL SAFETY DATA SHEET

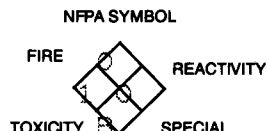
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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



PRODUCT IDENTIFICATION: G148, G148E, G148A, G149, G149A, G149B
DATE: 01/02/03 H-1 FOOD GRADE GREASE AR

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
8042-47-5	PETROLEUM HYDROCARBON LUBRICANT	65-70	5 mg/M3
471-34-1	PROPRIETRY INGREDIENTS	10-11	5 mg/M3
57-11-4	" "		
68647-58-5	THICKENER	23-25	N/E
1314-13-2	ZINC OXIDE	TRACE	N/D
	TOTAL	100%	

SECTION II: PHYSICAL DATA

BOILING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: N/D
SPECIFIC GRAVITY: NEGLIGIBLE
PERCENT VOLATILE BY VOLUME: (H2O=1): 0.89
EVAPORATION RATE: N/A
P H: N/A
APPEARANCE AND ODOR: WHITE GEL & OIL ODOR

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: N/D
FLAMMABLE LIMITS: N/D
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM
SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY ONLY TO COOL CONTAINERS. WATER STREAM CAN SPREAD FIRE. FIREFIGHTERS: SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS: WILL NOT FLASH SPONTANEOUSLY. CAN IGNITE IF EXPOSED TO OPEN FLAMES. DO NOT CUT OR WELD ON CONTAINERS.

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/D

EFFECTS OF OVEREXPOSURE: SKIN & EYE IRRITATION; INGESTION CAN CAUSE NAUSEA, IRRITATION, AND DIARRHEA; INHALATION NOT EXPECTED TO BE ACUTELY TOXIC; A POSSIBLE ASPIRATION HAZARD

EMERGENCY FIRST AID PROCEDURES:

SKIN: WASH W/SOAP & WATER. IF INJECTED UNDER SKIN, GET MEDICAL AID.

EYES: FLUSH W/WATER FOR 15 MINUTES WHILE LIFTING LIDS

INGESTION: DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

INHALATION: MOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITIONN PRODUCTS: OXIDES OF CARBON, ALUMINUM, ZINC

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: WIPE UP TO AVOID SLIPPERY CONDITIONS ON FLOORS

LARGE SPILLS: ABSORB W/FIRE-RESISTANT ABSORBENT. PLACE ONLY IN A PROPERLY LABELED, NON-LEAKING CONTAINER FOR DISPOSAL.

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: ORGANIC VAPOR RESPIRATOR. FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

VENTILATION: MAINTAIN TO KEEP BELOW PEL/TLV(s)

PROTECTIVE GLOVES: NITRILE, NEOPRENE, OIL RESISTANT

EYE PROTECTION: SAFETY GLASSES OR CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT:OIL RESISTANT APRON

DO NOT WEAR CONTAMINATED CLOTHING. WASH AFTER HANDLING.

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINERS CLOSED. KEEP AWAY FROM FLAMES, SPARKS, OR HOT SURFACES. SHELF LIFE 1 YEAR.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.