

HENKEL CORPORATION -EMERY GROUP -- FRIGID-GO 2809-A SAE 0W-20 SYNTHETIC ARCTIC --  
9150-00-491-7197

===== Product Identification =====

Product ID:FRIGID-GO 2809-A SAE 0W-20 SYNTHETIC ARCTIC

MSDS Date:01/22/1990

FSC:9150

NIIN:00-491-7197

MSDS Number: BMQDG

=== Responsible Party ===

Company Name:HENKEL CORPORATION -EMERY GROUP

Address:4900 ESTE AVENUE

City:CINCINNATI

State:OH

ZIP:45232

Country:US

In

fo Phone Num:513-482-2297

Emergency Phone Num:513-482-2297

Preparer's Name:ROBERT E. BORGERDING

CAGE:0JS01

=== Contractor Identification ===

Company Name:COGNIS CORP

Address:5051 ESTECREEK DR

Box:City:CINCINNATI

State:OH

ZIP:45232

Country:US

Phone:513-482-2814; 800-543-7370

CAGE:0JS01

Company Name:TULSTAR PRODUCTS INC

Address:1722 S CARSON, SUITE 2907

Box:City:TULSA

State:OK

ZIP:74119

Country:US

Phone:918-587-7878/FAX -3297 (DAVID COOK)

CAGE:0F2M5

===== Composition/Information on Ingre

dients =====

Ingred Name:POLYALPHAOLEFINS,ALIPHATIC

CAS:68037-01-4

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >5,000 MG.KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:NOT IRRITANT.SKIN:NOT A  
PRIMARY IRR

ITANT.INHALATION:NON-HAZARDOUS.INGESTION:NOT

TOXIC.CHRONIC-NONE GIVEN.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:GET MEDICAL ATTENTION.INHALATION:MOVE TO FRESH AIR.GIVE CPR  
IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.DO NOT  
RUB EYES.SKIN:WASH AFFECTED AREA.INGESTION:DO NOT INDUCE  
VOMITING.IF CONSCIOUS,DRINK

WATER TO DILUTE.DO NOT TAKE SODIUM  
BICARBONATE, FRUIT JUICES OR VINEGAR.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:445F,229C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP  
CONTAINERS COO

Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE.USE  
WATER SPRAY TO

DISPERSE NOT IGNITED SPILLS.

Unusual Fire/Explosion Hazard:SMOKES,FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS

===== Accidental Release Measures =====

Spill Release Procedures:WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING.CONTAIN SPILL.ABSORB WITH INERT ABSORBENT MATERIAL. REPORT LARGE SPILLS TO AUTHORITIES.

Neutralizing Agent:NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions:

STORE IN A COOL,WELL VENTILATED

AREA.AVOID INHALATION & SKIN CONTACT ESPECIALLY WHEN HANDLING USED OIL.CONTACT WITH USED OIL MAY CAUSE SKIN CANCER.

Other Precautions:DO NOT BREATHE MIST.AVOID PROLONGED OR REPEATED BREATHING OF VAPOR.AVOID CONTACT WITH EYES AND SKIN. WASH HANDS BEFORE EATING OR DRINKING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:CONCENTRATION-IN-AIR DETERMINES PROTECTION NEEDED. WEAR APPROVED ORGANIC VAPOR RESPIRATOR SUITABLE FOR OIL

MIST IN AREAS WITH SUFFICIENT OXYGEN.PROTECTION USUALLY NOT NEEDED UNLESS PRODUCT IS HEATED OR MISTED.

Ventilation:VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMIT.

Protective Gloves:NITRILE

Eye Protection:SPLASH PROOF CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH STATION.LONG SLEEVE CLOTHING TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR

FOOTWEAR.

Supplemental Safety and Health

DO NOT WELD, HEAT OR DRILL CONTAINER. RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. CAUTION! DO NOT USE PRESSURE TO EMPTY DRUM OR EXPLOSION MAY RESULT.

===== Physical/Chemical Properties =====

HCC:V6

Vapor Pres: