

UOP INC -- UNICOR TYPE J CORROSION INHIBITOR -- 6850-01-180-1074

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

Product ID:UNICOR TYPE J CORROSION INHIBITOR

MSDS Date:01/01/1989

FSC:6850

NIIN:01-180-1074

MSDS Number: BHYDN

=== Responsible Party ===

Company Name:UOP INC

Address:25 E ALGONQUIN RD

City:DES PLAINES

State:IL

ZIP:60017-5017

Country:US

Info Phone Num:708-391-2000

Emergency Phone Num:708-391-2123/800

-424-9300(CHEMTREC)

CAGE:02QC3

=== Contractor Identification ===

Company Name:UOP LLC

Address:25 E ALGONQUIN RD

Box:City:DES PLAINES

State:IL

ZIP:60017-5017

Country:US

Phone:847-391-3189 FAX: 847-391-2953

CAGE:02QC3

===== Composition/Information on Ingredients =====

Ingred Name:AROMATIC HYDROCARBON

CAS:68333-88-0

Fraction by Wt: 40-70%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

Ingred Name:AROMATIC HYDROCARBON

CAS:68333-88-0

Fraction by Wt: 40-70%

Oth

er REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

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

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

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

Health Hazards Acute and Chronic:ACUTE:EYE AND SKIN IRRITANT.

CHRONIC:DERMATITIS, CENTRAL NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Ov

erexposure:EYE/SKIN:IRRITATION. INHALATION:IRRITATION,

DIZZINESS, HEADACHES, RESPIRATORY PROBLEMS, WEAKNESS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES,SEE DOCTOR. SKIN:APPLY HAND CLEANER.WIPE OFF WITH PAPER TOWELS.REPEAT PROCEDURE.THEN,W

ASH WITH MILD SOAP AND

WATER.RINSE WITH WATER.IF IRRITATION PERSISTS,SEE DOCTOR.

INHALATION:REMOVE TO FRESH AIR.IF RESPIRATORY PROBLEMS DEVELOP,SEE DOCTOR. INGESTION:DO NOT INDUCE VOMIT,SEE DOCTOR IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:>149F,>65C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL

PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. MAY PRODUCE IRRITATING OR POISONOUS GASES.

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

Spill Release Procedures:WIPE OR SOAK UP SMALL SPILLS WITH PAPER TOWEL OR INERT ABSORBANT. DIKE TO RETAIN LARGE SPILLS. VACUUM UP FREE LIQUID. REMO

VE RESIDUE WITH INERT ABSORBANT. PLACE IN DISPOSAL
CONTAINER. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP
CONTAINERS CLOSED.

Other Precautions:AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION OF
PRODUCT VAPORS. DO NOT TAKE INTERNALLLY.

=====

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

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANIC
VAPOR CARTRIDGE OR SCBA AS APPROPRIATE FOR THE EXPOSURE OF CONCERN

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST
MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES OR FACESHIELD.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT
AS REQUIRED TO MIN

IMIZE EXPOSURE FROM PROLONGED OR REPEATED
CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:V4

Boiling Pt:B.P. Text:>270F,>132C

Vapor Pres:1

Spec Gravity:0.93

Viscosity:370 SUS

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR STRAW-COLORED LIQUID. HYDROCARBON ODOR.

Percent Volatiles by Volume:40

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS AND BASES.

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: CARBON MONOXIDE, NITROGEN OXIDES,
OTHER IRRITATING AND POISONOUS GASES.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.