

TENNANT CO -- SHP 15/40, 65869-5 -- 9150-00-930-7015

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

Product ID:SHP 15/40, 65869-5  
MSDS Date:04/03/1998  
FSC:9150  
NIIN:00-930-7015  
MSDS Number: CKFNF  
=== Responsible Party ===  
Company Name:TENNANT CO  
Address:701 N LILAC DR  
Box:1452  
City:MINNEAPOLIS  
State:MN  
ZIP:55440-1452  
Country:US  
Info Phone Num:612-540-1556/800-553-8033  
Emergency Phone Num:(800)424-9300  
Prepar  
er's Name:JUDY WAGNER  
Chemtre Ind/Phone:(800)424-9300  
CAGE:59500

=== Contractor Identification ===

Company Name:TENNANT CO  
Address:701 N LILAC DR  
Box:1452  
City:MINNEAPOLIS  
State:MN  
ZIP:55440-1452  
Country:US  
Phone:612-540-1556/800-553-8033  
Contract Num:SP0450-00-M-C188  
CAGE:59500  
Company Name:TENNANT CO  
Address:701 N LILAC DR  
Box:1452  
City:MINNEAPOLIS  
State:MN  
ZIP:55440-1452  
Country:US  
Phone:612-540-1556/800-553-8033  
Contract Num:SP0450-01-M-C590  
CAGE:59500

===== Composition/Informatio

n on Ingredients =====

Ingred Name:2-PROPENOIC ACID, 2-METHYL-, DODECYL ESTER, POLYMER WITH  
METHYL 2-METHYL-2-PROPENOATE AND TETRADECYL 2-METHYL-2-PROPENOATE

CAS:68171-50-6

&lt; Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT AVAILABLE

ACGIH TLV:NOT AVAILABLE

ACGIH STEL:NOT AVAILABLE

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC

CAS:64742-52-5

RTECS #:PY8035000

= Wt:22.61

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT AVAILABLE

ACGIH TLV:NOT AVAILABLE

ACGIH STEL:

NOT AVAILABLE

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC  
(COMBINED WEIGHT BETWEEN THIS INGREDIENT AND INGREDIENT # 5 IS:

>65%)

CAS:64742-54-7

RTECS #:PY8035500

Fraction by Wt: SEE NAME

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT AVAILABLE

ACGIH TLV:NOT AVAILABLE

ACGIH STEL:NOT AVAILABLE

Ingred Name:DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC  
(HZD)

CAS:64742-55-8

RTECS #:PY8036500

= Wt:.18

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT AVAILABLE

ACGIH T

LV:NOT AVAILABLE  
ACGIH STEL:NOT AVAILABLE

Ingred Name:DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: SEE ING #3%  
OSHA PEL:5 MG/M3 (AS MIST)  
ACGIH TLV:5 MG/M3 (AS MIST)  
ACGIH STEL:10 MG/M3 (AS MIST)

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Hazards Identification  
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LD50 LC50 Mixture:NOT AVAILABLE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN CONTACT: NONE EXPECTED. EYE CONTACT: MAY CAUSE IRRITATION AND DISCOMFORT. INGESTION: MAY CAUSE NAUSEA. INHALATION: NONE EXPECTED.  
Explanation of Carcinogenicity:CHRONIC MOUSE SKIN PAINTING STUDIES OF SIMILAR OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS.  
Effects of Overexposure:INGESTION: MAY CAUSE NAUSEA. EYES: MAY CAUSE IRRITATION AND DISCOMFORT.  
Medical Cond Aggravated by Exposure:NOT PROVIDED

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First Aid Measures  
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First Aid:SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER. HIGH PRESSURE ACCIDENTAL INJECTION THROUGH THE SKIN REQUIRES IMMEDIATE MEDICAL ATTENTION FOR POSSIBLE INCISION, IRRIGATION AND/OR DEBRIDEMENT. EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN. INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF MORE THAN 1/2 PINT INGESTED, IMMEDIATELY GIVE 1-2 GLASSES OF WATER AND CALL PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: NOT EXPECTED TO BE A PROBLEM.

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Fire Fighting Measures  
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Flash Point Method:SCC  
Flash Point:>165.6C, 330.F  
Autoignition Temp:Autoignition Temp Text:N. AV.  
Lower Limits:0.6  
Upper Limits:7.0  
Extinguishing Media:USE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM).  
Fire Fighting Procedures:WAT

ER OR FOAM MAY CAUSE FROTHING. USE WATER TO  
KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH  
SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED AREAS,  
FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT  
RUNOFF FROM ENTERING STREAMS, SEWERS OR DRINKING WATER SUPPLY.  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:ABSORB ON FIRE RETARDANT TREATED SAWDUST,  
DIATOMACE  
OUS EARTH, ETC. SHOVEL UP AND DISPOSE OOF AT AN  
APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT  
APPLICABLE LAWS AND REGULATIONS AND PR ODUCT CHARACTERISTICS AT  
TIME OF DISPOSAL.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL (BELOW 100F), DRY  
PLACE.  
Other Precautions:DO NOT TAKE INTERNALLY. AVOID PROLONGED CONTACT WITH  
SKIN; CONTAMINATED CLOTHING SHOULD BE RE  
MOVED IMMEDIATELY. WASH  
CLOTHING BEFORE REUSE. AVOID MISTING WHEN HANDLING.

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER ORDINARY  
CONDITIONS OF USE AND ADEQUATE VENTILATION.  
Ventilation:NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE  
AND ADEQUATE VENTILATION.  
Protective Gloves:IMPERVIOUS GLOVES, I.E. RUBBER.  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:EYE WASH FACILITY.  
Work H  
ygienic Practices:NOT PROVIDED  
Supplemental Safety and Health  
ABBREVIATION: N/A=NOT APPLICABLE OR NOT AVAILABLE. N/K=UNKNOWN. N/P=NOT  
PROVIDED. N/R=NOT RELEVANT. N/D=NOT DETERMINED. N/E=NOT  
ESTABLISHED.

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

HCC:V6  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:>315.6C, 600.F  
Melt/Freeze Pt:M.P/F.P Text:N. AV.  
Decomp Temp:Decomp Text:NOT PROVIDED  
Vapor Pres:1  
Spec Gravity:0.89  
pH:NOT AVAILABLE  
Viscosity:NOT PROVIDED  
Evaporation

Rate & Reference: