

FARMERS UNION CENTRAL EXCHANGE INC -- SUPERLUBE 518, CENEX, ECONEX, HI-TAC --
9150-00-256-9433

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

Product ID: SUPERLUBE 518, CENEX, ECONEX, HI-TAC

MSDS Date: 05/01/1986

FSC: 9150

NIIN: 00-256-9433

MSDS Number: BPXWR

=== Responsible Party ===

Company Name: FARMERS UNION CENTRAL EXCHANGE INC

Address: 5500 CENEX DR CENEX MS 530

Box: 64089

City: ST PAUL

State: MN

ZIP: 55164-0089

Country: US

Info Phone Num: 612-451-5151

Emergency Phone Num: 612-451-5151

CAGE: 5Z134

=== Contractor Identification ===

Company Name: FARMERS UNION CENTRAL EXCHANGE INC

Address: 5500 CENEX DR CENEX MS 530

Box: 64089

City: ST PAUL

State: MN

ZIP: 55164-0089

Country: US

Phone: 612-451-5151

CAGE: 5Z134

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

Ingred Name: SOLVENT REFINED PARAFFINIC DISTILLATE

Other REC Limits: 5 MG/M3 (MIST)

Ingred Name: PHENOL (SARA III) (SARA III)

CAS: 108-95-2

RT

ECS #:SJ3327000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 PPM;SKIN
ACGIH TLV:5 PPM;SKIN; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ALKYL SUCCINIMIDE
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM PHENATE
CAS:68855-45-8
Other REC Limits:NONE RECOMMENDED

I
ngred Name:ACRYLIC COPOLYMERS
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYISOBUTENYL SUCCINIC ANHYDRIDE
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:RESPIRATORY TRACT IRRITATION, SKIN
IRRITATION, CHROIC EXPOSURE MAY CAUSE ACNE OR EPITHELI
OMATA. EYE
IRRITATION, GASTROINTESTINAL IRRITATION
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:RESPIRATORY TRACT IRRITATION, SKIN IRRITATION,
EYE IRRITATION, GASTROINTESTINAL IRRITATION, ACNE, EPITHELIOMATA.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
CONDITIONS COULD BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures

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First Aid:EYES: PROMPTLY FLUSH WITH WATER, INCLUDING EYELIDS. GET MEDICAL HELP IF DISCOMFORT IS NOT RELIEVED. SKIN: REMOVE GROSSLY CONTAMINATED CLOTHING, WIPE OFF EXCESS, THEN WASH WITH SOAP AND WARM WATER. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL HELP IF DISCOMFORT PERSISTS. INGESTION: GET MEDICAL HELP. IF MEDICAL HELP NOT AVAILABLE, INDUCE VOMITING WHEN LARGE AMOUNTS ARE INGESTED.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:380-540F
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM
Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL, WATER SPRAY MAYBE USED TO FLUSH SPILLS AWAY FROM EXPOSURE.
Unusual Fire/Explosion Hazard:THIS COMBUSTIBLE MATERIAL HAS THE BURNING CHARACTERISTICS OF A HIGH FLASH POINT MINERAL OIL.

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Accidental Release Measures
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Spill Release Procedures:CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, ETC) AND COLLECT FOR RECOVERY OR DISPOSAL. FLOOR MAY BE SLIPPERY, USE CARE TO AVOID FALL. KEEP SPILL OUT OF ALL SEWERS AND OPEN BODIES OF WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:HANDLE AND STORE AS A TYPICAL PETROLEUM-BASED LUBRICATING OIL; SEPERATE FROM OXIDIZING AGENTS.
Other Precautions:AVOID SKIN CONTACT. LAUNDER WORK CLOTHING AT LEAST WEEKLY. LAUNDER OIL-SOAKED CLOTHING BEFORE REUSE. DO NOT PUT OILY RAGS INTO POCKETS.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NORMALLY REQUIRED
Ventilation:PROVIDE VENTILATION WHERE MATERIAL IS HEATED OR MISTED TO MEET TLV REQUIREMENTS.
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:SAFETY GLASSES IF SPLASHING LIKELY
Other Protective E

equipment:BODY-COVERING WORK CLOTHING TO REDUCE SKIN CONTACTS. WASHING FACILITIES SHOULD BE ACCESSIBLE FOR PERSONAL HYGIENE.

Work Hygienic Practices:AVOID SKIN CONTACT AND PROPERLY CLEAN SKIN IF CONTACT OCCURS. WASH EXPOSED SKIN SEVERAL TIMES A DAY WHEN WORKING.

Supplemental Safety and Health

THIS NSN HAS BEEN CANCELLED AND REPLACED BY 9150-00-186-6681.

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

HCC:V6

Boiling Pt:B.P. Text:600F,316C

Melt/Freeze Pt:M.P/F.P T

ext:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.8602-0.9188

Evaporation Rate & Reference:NIL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VARIES, MOSTLY LIGHT YELLOW TO BROWN, MILD ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:HYDROGEN SULFIDE, OXIDES OF CARBON,

CALCIUM, PHOSPHORUS, ZINC, MAGNESIUM, SULFUR, BORON AND HCL

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

Waste Disposal Methods:INCINERATE IN APPROVED EQUIPMENT OR USE APPROVED LANDFILL CONFORMING TO CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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