

RADIATOR SPECIALTY COMPANY -- S-C SUPER CONCENTRATE DEGREASER -- 7930-00-075-6878

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

Product ID:S-C SUPER CONCENTRATE DEGREASER

MSDS Date:04/01/1987

FSC:7930

NIIN:00-075-6878

MSDS Number: CCLMV

=== Responsible Party ===

Company Name:RADIATOR SPECIALTY COMPANY

Address:1400 W. INDEPENDENCE BLVD.

City:CHARLOTTE

State:NC

ZIP:28208

Country:US

Info Phone Num:704-377-6555

Emergency Phone Num:704-377-6555

CAGE:77628

=== Contractor Identification ===

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

Company Name:RADIATOR SPECIALTY COMPANY

Address:1900 WILKINSON BLVD.

Box:34689

City:CHARLOTTE

State:NC

ZIP:28208

Country:US

Phone

:704-377-6555/303-623-5716
CAGE:77628

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC PETROLEUM SOLVENT
CAS:8008-20-6
RTECS #:OA5500000
Fraction by Wt: 54-56%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM MINERAL OIL
CAS:64742-06-9
Fraction by Wt: 29-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 2-3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM;
9596

Ingred Name:SODIUM PETROLEUM SULFONATE MFR GIVES CAS AS 68608-26-4
Fraction by Wt: 5-10%
Other REC Limits:5 MG/M3 (MIST)

Ingred Name:NONYLPHENOL POLYETHOXATE
CAS:9016-45-9
RTECS #:MD0900000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:100 PPM RECOMMENDED TLV
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and

Chronic: EYE CONTACT CAUSES MODERATE IRRITATION. SKIN CONTACT CAUSES IRRITATION. PROLONGED EXPOSURE MAY CAUSE DERMATITIS AND DEFATTING. INHALATION CAUSES LUNG IRRITATION ON PROLONGED EXPOSURE. INGESTION MAY BE HARMFUL OR FATAL. MAY CAUSE NAUSEA, VOMITING AND LUNG DAMAGE IF ASPIRATED.

Explanation of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure: EYE IRRITATION, SKIN IRRITATION, DERMATITIS, DEFATTING, LUNG IRRITATION, NAUSEA, VOMITING, LUNG DAMAGE.

Medical Conditions Aggravated by Exposure: ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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First Aid Measures
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First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN. GET MEDICAL HELP IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method: TCC
Flash Point: >120F, >49C
Lower Limits: NOT GIVEN
Upper Limits: NOT GIVEN
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures: OBSERVING HEALTH HAZARDS DESCRIBED ABOVE, VENTILATE AREA AND REMOVE IGNITION SOURCES. CONFINE SPILL, WIPE UP WITH RAGS AND TRANSFER TO WASTE DRUM.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions

:STORE IN COOL PLACE BELOW 120F, AWAY FROM IGNITION SOURCES AND OXIDIZING AGENTS.
Other Precautions:WEARING CONTACT LENSES IS INADVISABLE. KEEP AWAY FROM CHILDREN AND ANIMALS.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS. IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR IN ACCORDANCE WITH 29 CFR 1910.134 TO PREVENT EXPOSURE.
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.
Protective Gloves:NEOPRENE
Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F4
Boiling Pt:B.P. Text:>300F,>149C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:0.83-0.86
pH:9-10
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:EMULSIFIES
Appearance and Odor:DARK AMBER LIQUID WITH PETROLEUM ODOR
Percent Volatiles by Volume:>80%

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

Stability In

icator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Products: NORMAL PRODUCTS OF COMBUSTION; CARBON DIOXIDE, CARBON MONOXIDE, ACRID SMOKE

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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