

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

Product ID:RUBBER REJUVENATOR 184,12-01840
MSDS Date:02/28/1992
FSC:6850
NIIN:01-038-3749
MSDS Number: CBQNS
=== Responsible Party ===
Company Name:ROGERSOL INC FORMER HARRY H CO
Address:5538 NORTHWEST HWY
City:CHICAGO
State:IL
ZIP:60630
Country:US
Info Phone Num:312-735-5100
Emergency Phone Num:312-735-5100/800-424-9300(CHEMTREC)
CAGE:23953

==== Contractor Identification ===

Company Name:ROGERSOL INC FORMER HARRY H CO
Address:5538 NORTHWEST HWY
Box:City:CHICAGO
State:IL
ZIP:60630
Country:US
Phone:312-735-5100
CAGE:23953

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

Ingred Name:ACETONE (SARA 313) (CERCLA)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 5 - 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:750PPM/1000STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ALCOHOL

(METHANOL) (SARA 313) (CERCLA)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 10 - 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S,200PPM/250STEL; 96

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:VM & P NAPHTHA/ALIPHATIC NAPHTHA (INCLUDING TOLUENE:
10-20%)

CAS:64742-89-8

Fraction by Wt: 30 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fra

ction by Wt: SEE # 3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:2-BUTOXYETHANOL/ETHYLENE GLYCOL N-BUTYL ETHER

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 30 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9596

Ingred Name:ETHYL ACETATE (CERCLA)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 10 - 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC CONTENT AS LISTED ON MSDS: 6.82 LBS/GAL.
RTECS #:9999999VC
Other REC Limits:NOT RELEVANT
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 470 MG/KG (EGBE)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SK
IN, CNS, LIVER,
KIDNEY, LUNG. ACUTE- TOXIC BY INHALATION, DERMAL ABSORPTION AND
INGESTION. EYE AND SKIN IRRITANT. INGESTION MAY CAUSE BLINDNESS AND
DEATH. INHALATION MAY CAUSE CNS DEPRESSION AND NAUSEA. CHRONIC-
MAY CAUSE DAMAGE TO SKIN, LUNG, CNS, LIVER AND KIDNEY. MAY CAUSE
DERMATITIS.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING, DROWSINESS, MENTAL RETARDATION, FATIGUE, BLURRED VISION,
BLINDNESS, CON
FUSION, DERMATITIS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS
MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE
EXPOSURES.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY
FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH
SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROV
IDE CPR/OXYGEN IF
NECESSAR Y. ORAL:DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF
COMPETENT MEDICAL PERSONNEL. IF CONSCIOUS, RINSE MOUTH WITH WATER.
KEEP PERSON WARM & QUIET. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

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

Flash Point Method:TCC
Flash Point:20.0F,-6.7C
Extinguishing Media:WATER SPRAY/FOG, DRY CHEMICAL, CARBON DIOXIDE,
FOAM. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.
Fire Fighting

Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM HEAT, FLAMES, SPARKS & OXIDIZERS. CONTAINERS SHOULD BE GROUNDED WHEN CONTENTS ARE BEING TRANSFERRED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE

DANGEROUS. DO NOT WELD, SOLDER OR DRILL SUCH CONTAINERS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE VAPOR

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE, BUTYL

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IN CASE OF REPEATED OR PROLONGED CONTACT. PROVIDE EYE WASH & SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,

DRINKING/SMOKING.

Supplemental Safety and Health

FORMULA AND PERCENTAGE CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A OR B, SAME NSN.

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

HCC:F5

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:134F - 273F

Vapor Pres:3.72 @ 68F

Vapor Density:2.52

Spec Gravity:0.845

Evaporation Rate & Reference:3.0 (N-BUTYL ACETATE=1)

Solubility in Water:NIL

Appearance and Odor:CLEAR, WATER WHITE LIQUID - SHARP ODOR

Percent Volatiles

by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, SPARKS, FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. RECOMMENDED PROCEDURE IS BY INCINERATION.

Disclaimer (provide

d 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.