

RE-NU CHEM CO DBA WFSS INC -- RE-NU ALL PURPOSE KLEEN/GRILL KLEEN DEGREASER,0014
-- 6850-01-434-4426

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

Product ID:RE-NU ALL PURPOSE KLEEN/GRILL KLEEN DEGREASER,0014

MSDS Date:09/01/1996

FSC:6850

NIIN:01-434-4426

MSDS Number: CDGJN

=== Responsible Party ===

Company Name:RE-NU CHEM CO DBA WFSS INC

Address:5480 NW RIDGEMOOR CT

City:PORTLAND

State:OR

ZIP:97229

Coun

try:US

Info Phone Num:503-629-5969/800-616-7368

Emergency Phone Num:503-629-5969

CAGE:04MD1

=== Contractor Identification ===

Company Name:COAST PRODUCTS

Address:975 QUEEN ST

Box:City:HONOLULU

State:HI

ZIP:96814

Country:US

Phone:808-537-5709/800535-5053

Contract Num:SP0450-99-D4031

CAGE:0SXN4

Company Name:RE-NU CHEM CO

Address:5480 NW RIDGEMOOR CT

Box:City:PORTLAND

State:OR

ZIP:97229

Country:US

Phone:800-616-7368

CAGE:04MD1

Company Name:RE-NU CHEM. CO (503-399-7423)

Box:UNKNOWN

CAGE:RENUC

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

Ingred Name:SODIUM HYDROXIDE (CERCLA); TOTAL PERCENTAGE OF INGREDIENTS

1 AND 2: 1.43

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: SEE # 1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3;

9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:FOOD GRADE ANTIOXIDANT/MATERIALS (PROPRIETARY)

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN,

GASTROINTESTINAL TRACT. ACUTE- EYE CONTACT MA

Y CAUSE IRRITATION &

BURNS. SKIN CONTACT MAY CAUSE IRRITATION & DEFATTING. INHALATION

NOT LIKELY TO OCCUR AT AMBIENT TEMPERATURES . HARMFUL IF SWALLOWED.

CHRONIC- MAY CAUSE DRY SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, BURNS, NAUSEA, VOMITING,

TEARING, PAIN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:NOT LIKELY TO OCCUR. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER.SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

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

FI
ash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:USE WATER SPRAY. COOL FIRE-EXPOSED CONTAINERS WITH WATER.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF PERMITTED. OTHERWISE, ABSORB SPILL WITH INERT MATERIAL SUCH AS VERMICULITE. PLACE IN A CONTAINER FOR DISPOSAL. CLEAN AREA THOROUGHLY TO REMOVE RESIDUAL CON TAMINATION.
Neutralizing Agent:DILUTE ACID

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER. KEEP AWAY FROM INCOMPATIBLE MATERIALS.
Other Precautions:WARNING! IRRITANT LIQUID. HANDLE WITH CARE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.
AVOID EYE AND SKIN CONTACT. AVOID INHALATION OF MISTS.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR, FUME OR MIST LEVELS AS LOW AS POSSIBLE.
Protective Gloves:NEOPRENE, RUBBER, PVC FOR SENSITIVE SKIN
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTI

VE

CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=104.4C, 220.F

Vapor Pres:46 @ 68F

Vapor Density:0.5

Spec Gravity:0.977

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID - SWEET ODOR

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

Stability Indicato

r/Materials to Avoid:YES

CHLORINE, AMMONIA AND HYPOCHLORITE BLEACHES

Stability Condition to Avoid:DO NOT MIX WITH OTHER CHEMICALS.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. FLUSH TO SEWER WITH WATER, IF ALLOWED.

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