

CHEMSEARCH DIV NCH CORP -- YIELD AEROSOL, 5068 -- 9150-01-020-8489

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Product Identification
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Product ID:YIELD AEROSOL, 5068

MSDS Date:07/29/1998

FSC:9150

NIIN:01-020-8489

MSDS Number: CJWFN

=== Responsible Party ===

Company Name:CHEMSEARCH DIV NCH CORP

Box:152170

City:IRVIN

State:TX

ZIP:75015

Country:US

Info Phone Num:972-438-1381

Emergency Phone Num:972-438-1381

Preparer's Name:G MARSHA

LL

CAGE:0A782

=== Contractor Identification ===

Company Name:NCH CORP

Address:2727 CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015-2170

Country:US

Phone:972-438-0563

CAGE:20913

Company Name:NCH CORP CHEMSEARCH DIV

Address:2727CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015

Country:US

Phone:972-438-1381/800-527-9919

CAGE:0A782

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Composition/Information on Ingredients
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Ingred Name:STODDARD SOLVENT; (ALIPHATIC PETROLEUM DISTILLATE). LD50:
(ORAL,R

AT) 5 G/KG
CAS:8052-41-3
RTECS #:WJ8925000
OSHA PEL:2900 MG/M3;500 PPM
ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:ETHYL ACETATE. LD50: (ORAL,RAT) 5620 MG/KG. LEL: 2.2%. UEL:
11.0%

CAS:141-78-6
RTECS #:AH5425000
OSHA PEL:1400 MG/M3;400 PPM
ACGIH TLV:1440 MG/M3;400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM PETROLEUM SULFONATE. LD50: (ORAL,RAT) 6.0 G/KG
CAS:68608-26-4

RTECS #:WR7150000
OSHA PEL:5 MG/M3 OILMIST
ACGIH TLV:5 MG/M3 OILMIST

Ingred Name:DISTILLATES (PETROLEUM),
HYDROTREATED (SEVERE) LIGHT
NAPHTHENIC

CAS:64742-53-6
RTECS #:PY8036001
OSHA PEL:5 MG/M3 OILMIST
ACGIH TLV:5 MG/M3 OILMIST

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TI4300000

Ingred Name:PROPANE. LD50: (ORAL,RAT) 57 PPH/15M
CAS:74-98-6

RTECS #:TX2275000
OSHA PEL:1800 MG/M3;1000 PPM
ACGIH TLV:2500 PPM

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

LD50 LC50 Mixture:SEE INGREDIENTS
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP

:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE CONT: CAUSES IRRIT SEEN AS TEARING. REDNESS, & BURNING SENSATION. PRLNGD CONT MAY LEAD TO SEV IRRIT. MAY POSSIBLY CAUSE FINE VASCULAR LESSIONS OF CORNEA. SKIN CONT: MAY CAUSE IRRIT SEEN AS ITCHING & REDNESS. MATL MAY BE ABSORBED ACROSS MARKEDLY ABRADED SKIN WHEN CONT IS SUSTAINED. INHAL: MAY CAUSE CNS EFTS SEEN AS DIZZ, WEAK, FATIGUE, NAUS, HEADACHE, POSS UNCON, & EVEN DEATH. CHRONIC: P RLNGD/RPTD CONT MA

Y

RSLT IN OIL ACNE WHICH IS CHARACT BY BLACKHEADS W/POSS SECONDARY INFECTION. CONSTITUENTS OF THIS PROD HAVE BEEN ASSOC W/PHOTOSENSITIVITY. AN ABNORMAL SENSITIVITY OF SKIN TO (EFTS O F OVEREXP)

Effects of Overexposure:HLTH HAZS: SUNLIGHT. LONG TERM RPTD ORAL EXPOS MAY RSLT IN DEVELOPMENT OF PROGRESSIVE LIVER INJURY W/FIBROSIS. PRLNGD & RPTD EXPOS TO OIL MIST POSES RISK OF CHRONIC LUNG INFLAMM. THIS CNDTN IS USUALL Y SYMPTOMATIC RSLT OF RPTD SM ASPIRATIONS. SHORTN

ESS OF BREATH & COUGH ARE MOST COMMON SYMPS. ASPIRATION MAY LEAD TO PULM EDEMA & HEMORR & MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCL INCREASED RESPIR ATION & HEART RATES AS WELL AS BLUISH DISCOLORATION OF SKIN. TARGET ORGANS: LIVER, LUNGS, AND KIDNEY.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS.

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

First Aid:INHAL: REMOVE TO FRES

H AIR. SEEK MED ATTN IF RESP IRRIT

DEVELOPS OR IF BRTHG BECOMES DFCLT. EYE CONT: RINSE EYE W/WATER.

REMOVE ANY CONT LENSES & CONTINUE FLUSHING W/PLENTY OF WATER FOR AT

LST 15 MINS . SEEK MED ATTN IF IRRIT DEVELOPS. SKINCONT: WASH

AFFECTED AREAS W/PLENTY OF SOAP & WATER FOR SEVERAL MINS. SEEK MED

ATTN IF IRRIT DEVELOPS. INGEST: GIVE 3-4 GLASSES OF WATER, BUT DO

NOT INDUCE VOMIT. IF VOMIT OCCURS, GIVE FLUIDS AGAIN. GET IMMED

MED ATTN. DO NOT GIVE ANYTHING BY MOUTH TO U

NCON/CONVULSING PERSON.

NOTE TO PHYS: INGEST & SUBSEQUENT VOMIT OF THIS PROD (SUPDAT)

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

Flash Point Method:TCC

Flash Point:=26.7C, 80.F

ETHYL ACETATE

Lower Limits:SEE ING 2

Upper Limits:SEE ING 2

Extinguishing Media:FOAM, CO*2, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . SPRAY WATER ON AEROSOL CNTNRS TO COOL. AVOIDING RUPTURING.

Unusual Fire/Explosion H

azard:VAPS ARE HVR/AIR & MAY TRAVEL TO DISTANT
SOURCES OF IGNIT & FLASHBACK. PRODUCT MAY PRODUCE FLOATING FIRE
HAZARD AS LIQUID FLOATS ON WATER. FLAME EXTENSION IS >18 INCHES.
BURNBACK IS 5-6 INCHES.

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

Spill Release Procedures:DUE TO NATURE OF AEROSOL PACKAGING, A LG SPILL
IS UNLIKELY. FOR SM SPILL, ABSORB W/INERT MATL & TRANSFER ALL MATL
INTO PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE
PROT
ECTIVE CLOTHING.
Neutralizing Agent:NONE KNOWN.

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

Handling and Storage Precautions:STORAGE TEMP. INDOOR: MAX: 120F, MIN:
35F. USE W/CAUTION AROUND HEAT, SPKS, PILOT LIGHTS, STATIC
ELECTRICITY & OPEN FLAME. KEEP OUT OF REACH OF CHILDREN. READ
ENTIRE LBL BEFORE USING PROD. FOLLOW LBL DIRECTIONS.
Other Precautions:IF UE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT,
END USERS ARE EXEMPT FROM NOTIFICATION BECAUSE PROD
IS USED & LBLD
FOR ROUTINE JANITORIAL WORK, OR PROD IS USED & LBLD FOR FACILITY
GROUNDS MAINTENAN CE (SUCH AS FERTILIZERS & HERBICIDES), OR PROD IS
USED & LBLD FOR MAINTAINING MOTOR VEHICLES.

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

Respiratory Protection:A NIOSH APPROVED RESPIRATOR IN POORLY VENTILATED
AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE
MISTING EXISTS.
Ventilation:LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSU
RE FROM
OPERATIONS THAT CAN GENERATE HEAVY MISTS OR VAPORS.
Protective Gloves:NEOPRENE RUBBER OR NITRILE GLOVES.
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN
CRITERIA . WEAR GENERAL DUTY WORK CLOTHING AND SHOES.
Supplemental Safety and Health
FIRST AID PROC: CAN LEAD TO ASPIR OF PROD INTO LUNGS WHICH CAN CAUSE
DMG AND MAY BE FATAL.

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

Boiling Pt:=71.1C, 160.F
Vapor Pres:13.6 (MM HG)
Vapor Density:1.8
Spec Gravity:0.860 (H*2O =1)
Viscosity:NON-VISCOUS
Evaporation Rate & Reference:0.6 (BU A/C =1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:TRANSPARENT AMBER, SOLVENT ODOR.
Percent Volatiles by Volume:79

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS BLEACH, STRONG ACIDS OR BASES, AND
ALKALI METAL HYDROXIDES.

Stability

Condition to Avoid:AVOID HEAT, HOT SURFACES, SPARKS AND OPEN
FLAMES.

Hazardous Decomposition Products:OXIDES OF CARBON, SMOKE, FUMES,
NITROGEN, AND SULFUR.

===== Toxicological Information =====

Toxicological Information:PRODUCT CNTNS CHEMICAL LISTED AS CARCIN OR
POTNTL CARCINOGEN BY: IARC, NTP, ACGIH. ALIPHATIC PETROLEUM
DISTILLATE. EYE-HMN: 470 PPM/15M (3). IHL-CAT LCLO: 10 G/M3/2. 5H
(3). ORL-RAT LD50: 5G/KG (4). LIGHT NAPHTHENIC HYDROTREAT
ED

DISTILLATE: NO TOXICITY DATA AVAIL. SODIUM PETROLEUM SULFONATE:
ORL-RAT LD50: 6.0 G/KG (4). ETHYL ACETATE: IHL-RAT LC50: 1600 PPM
(3). ORL-RAT LD50: 5620 MG/KG (3). SKN IRRIT RBT: SLIGHT (4). EYE
IRRIT RBT: SLIGHT (4). PROPANE: NO TOXICITY DATA AVAIL.
ISOBUTANE:ORL-RAT LC50: 57 PPH/15M (3).

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL,
STATE, AND LOCAL REGULATIONS. TYPICAL DISPOS
AL IS TO WRAP THE EMPTY
AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN
THE TRASH.

===== MSDS Transport Information =====

Transport Information:* (FOR FUTURE USE). LABELS: LIMITED QTY. DOT SPS
CONTAINER: NET EXPLOSIVE WT.

===== Regulatory Information =====

SARA Title III Information:THOSE INGREDIENTS LISTED ARE SUBJECT TO RPTG
REQUIREMENTS OF 313 OF TITLE III OF SUPERFUND AMENDMENTS &
REAUTHORI

ZATION ACT OF 1986 & 40 CFR PART 372: N/A. THIS MSDS IS NOT SUITABLE FOR USERS IN THE STATE OF CALIFORNIA.

State Regulatory Information: OTHER INFO: LEL: LOWER EXPLOSION LIMIT. UEL: UPPER EXPLOSION LIMIT. NFPA: NATIONAL FIRE PROTECTION ASSOCIATION. IARC: INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER. NTP: NATIONAL TOXICOLOGY PROGRAM. OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION. ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS. TLV: THRESHOLD LIMIT VALUE. PEL: PERMISSIBLE EXPOSURE LEVEL. STEL: SHORT TERM EXPOSURE LIMIT. MLD: MILD, MOD: MODERATE. SEV: SEVERE. MUT: MUTAGENIC. ASPHYX: ASPHYXIAN. * SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE FED REGISTER/VOL. 54 NO. 12. 1-19-89.

===== Other Information =====

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