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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 MARSHALL

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,RAT) 5 G/KG

CAS:8052-41-3

RTECS #:WJ8925000

OSHA PEL:2900 MG/M3;50

0 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: EY

E 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 MAY RSLT IN OIL ACNE WHICH IS CHARACT BY BLACKHEADS W/POSS SECO

NDARY

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 USUALLY SYMPTOMATIC RSLT OF RPTD SM ASPIRATIONS. SHORTNESS OF BREATH & COUGH ARE MOST COMMON SYMPS. ASPIRATION MAY L

EAD 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.

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

First Aid:INHAL: REMOVE TO FRESH AIR. SEEK MED ATTN IF RESP IRRIT DEVELOPS OR IF BRTHG BECOM ES 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 UNCON/CONVULSING PERSON. NOTE TO PHYS: INGEST & SUBSEQUENT VOMIT OF THIS PROD (SUPDAT)

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===== 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 Hazard:VAPS ARE HVR/AIR & MAY TRAVEL TO DISTANT SOURCES OF IGN

IT & 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 PROTECTIVE 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 MAINTENANCE (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 EXPOSURE FROM OPERATIONS THAT CAN GENERATE HEAVY MISTS OR VAPORS.

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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 ASPIRATION 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.

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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). L IGH NAPHTHENIC HYDROTREATED  
DISTILLATE: NO TOXICITY DATA AVAIL. SODIUM PETROLEUM SULFO  
NATE:

ORL-RAT LD50: 6.0 G/KG (4). ETHYL ACETATE: IHL-RAT LC50: 1600 PPM  
(3). ORL-RAT LD50: 5620 MG/KG (3). SKN I RRIT 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 DISPOSAL IS TO WRAP THE EMPTY  
AEROSOL CONTAINER IN SEVERAL LAYERS O  
F 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 &  
REAUTHORIZATION 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 EXP

OSURE 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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