

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

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

Product ID:5068, YIELD AEROSOL

MSDS Date:07/29/1998

FSC:9150

NIIN:01-020-8489

Status Code:A

MSDS Number: CKKKM

=== Responsible Party ===

Company Name:CHEMSEARCH DIV NCH CORP

Address:2727CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015

Country:US

Info Phone Num:972-438-1381 OR 800-527-991

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Emergency Phone Num:972-438-1381

Resp. Party Other MSDS Num.:5068

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

Contract Num:SP0450-00-M-C213

CAGE:0A782

===== Composition/In

formation on Ingredients =====

Ingred Name:NAPHTHA, SOLVENT OR ALIPHATIC PETROLEUM DISTILLATE

CAS:8052-41-3

RTECS #:WJ8925000

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:ETHYL ACETATE

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:SULFONIC ACIDS, PETROLEUM, SODIUM SALTS OR SODIUM PETROLEUM
SULFONATE

CAS:68608-26-4

RTECS #:WR7150000

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG

/M3

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE (PETROLEUM) OR
LIGHT NAPHTHENIC HYDROTREATED DISTILLATE

CAS:64742-53-6

RTECS #:PY8036000

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:ISOBUTANE

CAS:75-28-5

RTECS #:TI4300000

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

OSHA PEL:1800 MG/M3;1000 PPM

ACGIH TLV:2500 PPM

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

LD50 LC50 Mixture:ORAL-RAT LD50 = 5620 MG/KG

Reports of Carcinogenicity:NTP:NO IARC:NO O

SHA:NO

Health Hazards Acute and Chronic: EYE : IRRITATION. PROLONGED CONTACT MAY LEAD TO SEVERE IRRITATION; LESIONS OF THE CORNEA. SKIN: MAY CAUSE IRRITATION. MATERIAL MAY BE ABSORBED THROUGH MARKEDLY ABRADED SKIN. INHALATION: MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION & OTHER EFFECTS SIMILAR TO INHALATION. INGESTION & SUBSEQUENT VOMITING OF PRODUCT CAN LEAD TO ASPIRATION OF PRODUCT INTO LUNGS WHICH CAN CAUSE DAMAGE & MAY BE FATAL.

CHRONIC: PROLONGED OR REPEATED CONTACT CAN CAUSE OIL ACNE; MAY CAUSE PHOTSENSITIVITY. LONG TERM ORAL EXPOSURE MAY CAUSE LIVER DAMAGE. LONG TERM INHALATION EXPOSURE MAY CAUSE PULMONARY EDEMA.

Explanation of Carcinogenicity: PRODUCT CONTAINS CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY: IARC-NO; NTP-NO; OSHA-NO; ACGIH-NO; OTHER-NO.

Effects of Overexposure: EYES: IRRITATION, TEARING, REDNESS, BURNING SENSATION. PROLONGED CONTACT MAY LEAD TO SEVERE IRRITATION,

VASCULAR LESIONS OF THE CORNEA. SKIN CONTACT: IRRITATION, REDNESS, ITCHING. INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS OR DEATH. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, EUPHORIA, STAGGERING GAIT, LACK OF COORDINATION AND OTHER EFFECTS SIMILAR TO INHALATION.

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

==== Fir
st Aid Measures =====

First Aid: INHALATION: REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT. EYE CONTACT: RINSE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. SKIN CONTACT: WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. INGESTION: GIVE 3-4 GLASSES WATER. DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS. IF VOMITING OCCURS, GIVE FLUIDS AGAIN.

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

Flash Point Method: TCC
Flash Point: =26.7C, 80.F
ETHYL ACETATE
Lower Limits: 2.2
Upper Limits: 11.0
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures: SPRAY WATER ON AEROSOL CONTAINERS TO C

OOOL,
AVOIDING RUPTURING. WEAR FULL PROTECTIVE CLOTHING INCLUDING A SUPPLIED AIR DEVICE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER. FLAME EXTENSION IS >18 INCHES, BURNBACK I S 5-6 INCHES. AEROSOL LEVEL (NFPA 30B)-3. NFPA 704 HAZARD RATING: HEALTH-1; FLAMMABILITY-3; REACTIVITY-0.

===== Accidental Release Measure

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Spill Release Procedures:DUE TO THE NATURE OF AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELLED CONTAINER FOR DISPOSAL. WEAR AP PROPRIATE PROTECTIVE CLOTHING.

Neutralizing Agent:NONE KNOWN.

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

Handling and Storage Precautions:STORAGE TEMPERATURE: MINIMUM-35F; MAXIMUM-120F. USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

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

Respiratory Protection:A MSHA/NIOSH APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING OCCURS.

Ventilation:LOCAL VENTILATION IS RECOMEMNDED TO CONTROL EXPOSURE FROM

OPERATIONS THAT CAN GENERATE HEAVY MISTS OR VAPORS.

Protective Gloves:NEOPRENE, RUBBER OR NITRILE GLOVES IF REPEATED OR PROLONGED SKIN CONTACT LIKELY

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS IF EYE CONTACT LIKELY.

Other Protective Equipment:WEAR GENERAL DUTY WORK CLOTHING AND SHOES.

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

NOTE TO PHYSICIAN: INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF TH

IS PRODUCT INTO THE LUNGS WHICH CAN
CAUSE DAMAGE AND MAY BE FATAL. TARGET ORGANS: LIVER, LUNGS AND KIDN
EYS.

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

HCC:F3

Boiling Pt:=71.1C, 160.F

Vapor Pres:13.6 MM HG

Vapor Density:1.8

Spec Gravity:0.860

Viscosity:NON-VISCOUS

Evaporation Rate & Reference:0.6 (BUTYL-ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TRANSPARENT AMBER LIQUID (IN AEROSOL); SOLVENT
ODOR.

Percent Volatiles by Volume:79

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===== 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological In

formation:PRODUCT CONTAINS CHEMICALS LISTED AS

CARCINOGEN OR POTENTIAL CARCINOGEN BY: IARC-NO; NTP-NO; OSHA-NO;

ACGIH-NO; OTHER-NO. ALIPHATIC PETROLEUM DISTILLATE: EYE-HUMAN: 470

PPM/15M. IHL-CAT LCLO: 10 G/M3/ 2.5 HR. ORL-RAT LD50: 5 G/KG. LIGHT

NAPHTHENIC HYDROTREATED DISTILLATE: NO TOXICITY DATA AVAILABLE.

SODIUM PETROLEUM SULFONATE: ORL-RAT LD50: 6 G/KG. ETHYL ACETATE:

IHL-RAT LC50: 1600 PPM. ORL-RAT LD5 0: 5620 MG/KG. SKIN IRRITATION

RBT: SLIGHT. EYE IRRITATION R

BT: SLIGHT. PROPANE: NO TOXICITY DATA
AVAILABLE. ISO-BUTANE LC50: 57 PPH/15M.

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Ecological Information
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Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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MSDS Transport Information
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Transport Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Regulatory Information
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SARA Title III Information:THOSE INGREDIENTS LISTED ARE SUBJECT TO THE
REPORTING REQUIREMENTS OF 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
NONE.

Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.
State Regulatory Information:NO
DATA PROVIDED BY RESPONSIBLE PARTY.

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Other Information
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