

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

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Product Identification  
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Product ID:5068, YIELD AEROSOL  
MSDS Date:08/23/2001  
FSC:9150  
NIIN:01-020-8489  
Status Code:A  
MSDS Number: CLSDB  
=== Responsible Party ===  
Company Name:CHEMSEARCH; DIV OF NCH CORP  
Box:152170  
City:IRVING  
State:TX  
ZIP:75015  
Country:US  
Info Phone Num:800-424-9300  
Emergency Phone Num:(800)424-9300  
0  
Preparer's Name:B. MALKEY/CHEMIST  
Chemtec Ind/Phone:(800)424-9300  
CAGE:UO754  
=== Contractor Identification ===  
Company Name:CHEMSEARCH; DIV OF NCH CORP  
Box:152170  
City:IRVING  
State:TX  
ZIP:75015  
Country:US  
Phone:800-424-9300  
CAGE:UO754  
Company Name:NCH CORP  
Address:2727 CHEMSEARCH BLVD  
Box:152170  
City:IRVING  
State:TX  
ZIP:75015-2170  
Country:US  
Phone:972-438-0563  
Contract Num:SP0450-02-M-L431  
CAGE:20913

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Composition/Information on Ingredients  
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Ingred Name:PROPANE  
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AS:74-98-6  
RTECS #:TX2275000  
OSHA PEL:1000 PPM  
OSHA STEL:N/E  
ACGIH TLV:2500 PPM

Ingred Name:N-BUTANE  
CAS:106-97-8  
RTECS #:EJ4200000  
OSHA PEL:N/E  
OSHA STEL:N/E  
ACGIH TLV:800 PPM

Ingred Name:ETHYL ACETATE  
CAS:141-78-6  
RTECS #:AH5425000  
OSHA PEL:400 PPM  
OSHA STEL:N/E  
ACGIH TLV:400 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATE  
CAS:64742-88-7  
OSHA PEL:100 PPM  
OSHA STEL:N/E  
ACGIH TLV:100 PPM

Ingred Name:OIL SOLUBLE SODIUM SULFONATE  
CAS:68608-26-4  
RTECS #:  
WR7150000  
OSHA PEL:5 MG/M3  
OSHA STEL:10 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:LIGHT NAPHTHENIC HYDROTREATED DISTILLATES  
CAS:64742-53-6  
RTECS #:PY8036000  
OSHA PEL:5 MG/M3  
OSHA STEL:10 MG/M3  
ACGIH TLV:5 MG/M3

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: LIVER, LUNGS, CENTRAL  
NERVOUS SYSTEM, BLOOD-FORMING ORGANS AND

KIDNEYS. ACUTE: EYE:

IRRITATION. SKIN: IRRITATION. INHALATION: CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: CAUSES GASTROINTESTINAL IRRITATION. CHRONIC: PROLONGED OR REPEATED CONTACT MAY RESULT IN OIL ACNE, WHICH IS CHARACTERIZED BY BLACKHEADS WITH POSSIBLE SECONDARY INFECTION. CONSTITUENTS OF THIS PRODUCT MAY HAVE BEEN ASSOCIATED WITH PHOTOSENSITIVITY, AN ABNORMAL SENSITIVITY OF THE SKIN TO SUNLIGHT. LONG TERM REPEATED ORAL EXPOSURE MAY RESULT IN THE DEVELOPMENT OF

PROGRESSIVE LIVER INJURY WITH FIBROSIS.

Effects of Overexposure: EYE: TEARING, ITCHING, REDNESS & BURNING SENSATION. SKIN: ITCHING & REDNESS. INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS & EVEN DEATH. INGESTION: NAUSEA, VOMITING, EUPHORIA, STAGGERING GAIT, LACK OF COORDINATION & OTHER EFFECT SIMILAR TO INHALATION. INGESTION & SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE &

MAY BE FATAL. ON RARE OCCASIONS, PROLONGED & REPEATED EXPOSURE TO OIL MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS.

"SEE OTHER INFORMATION"

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

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===== First 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: RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. SKIN: WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. INGESTION: GIVE 3-4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

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

Flash Point Method: TCC

Flash Point: =26.7C, 80.F

Lower Limits: 2.2 ETHYL AC

Upper Limits: 11.0 ETHYL A

Extinguishing Media: FOAM, CO2, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING. FIREFIGHTERS SHOULD WEAR A SELF CONT

AINED

BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

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 IS 5-6 INCHES.

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

Spill Release Procedures:DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL , ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR A PPROPRIATE PROTECTIVE CLOTHING.  
Neutralizing Agent:NONE KNOWN

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

Handling and Storage Precautions:STORAGE TEMPERATURE: INDOORS: MINIMUM TEMPERATURE: 35 F. MAXIMUM TEMPERATURE: 120 F. 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 NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR EXPOSURE ABOVE 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.  
Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES.  
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.  
Other Protective Equipment:WEAR GENERAL DUTY WORK CLOTHING AND SHOES.  
Supplemental Safety and Health  
CHEMICAL NAME & SYNONYMS: N/A. CHEMICAL FAMILY: ALIPHATIC PETROLEUM DISTILLATE. TRADE NAME & SYNONYMS: YIELD AEROSOL. FORMULA MIXTURE: X. PRODUCT CODE: 5068.

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

HCC:V3  
Boiling Pt:=71.1C, 160.F  
Vapor Pres:13.6 MM HG  
Vapor Density:1.8 (AIR=1  
Spec Gravity:0.820 (H2O=1

)  
Viscosity:NON-VISCOUS  
Evaporation Rate & Reference:0.6 (BU A/C=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:AMBER COLOR, SOLVENT ODOR, TRANSPARENT  
Percent Volatiles by Volume:79

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED  
HYDROCARBON PEROXIDE, CHROMIC ACID, CHLOROSULPONIC ACID,  
TERT-POTASSIUM BUTOXIDE, TERT-LITHIUM ALUMINATE, COPPER, NITRATE

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AND SOME PLASTICS.

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

Hazardous Decomposition Products:OXIDES OF CARBON AND SULFUR, HYDROGEN  
AND SDOIUM.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:OIL SOLUBLE SODIUM SULFONATE: NO TOXICITY  
DATA AVAILABLE. ETHYL ACETATE: IHL-HMN: 400 PPM. IHL-RAT: LC50 200  
GM/M3. SKN-RBT: LD50 > 20 MG/KG. ALIPHATIC

HYDROCARBON: NO

TOXICITY DATA AVAILABLE. LIGHT NAPHTHENIC HYDROTREATED PETROLEUM  
DISTILLATE: SKN-RBT: SDT - 500 MG SEVERE. ORL-RAT: LD50> 5 GM/KG.

SKN-RBT: LD50 > 2 GM/KG. PROPANE: NO TOXICITY DATA AVAILABLE.

N-BUTANE: IHL-RAT: 658 GM/M3/4H.

===== 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 SEVERA  
L LAYERS OF NEWSPAPER AND DISPOSE OF IN  
THE TRASH.

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

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

State Regulatory Information:THIS MSDS IS NOT INTENDED FR USERS IN THE  
STATE OF CLAIFORNIA.

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

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