

NATIONAL CHEMSEARCH -- YIELD AEROSOL, 5068

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MSDS Safety Information  
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FSC: 9150  
NIIN: 01-020-8489  
MSDS Date: 12/31/1991  
MSDS Num: BWSTY  
Product ID: YIELD AEROSOL, 5068  
MFN: 02  
Responsible Party  
Cage: DO481  
Name: NATIONAL CHEMSEARCH  
Box: 152170  
City: IRVING TX 75015  
Info Phone Number: 214  
-438-1381  
Emergency Phone Number: 214-438-1381  
Preparer's Name: R STOLLEY  
Proprietary Ind: Y  
Published: Y

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Contractor Summary  
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Cage: DO481  
Name: NATIONAL CHEMSEARCH DIV OF NCH CORP  
Address: 2727 CHEMSEARCH BLVD  
Box: 152170  
City: IRVING TX 75015-5000  
Phone: 972-438-1381  
Cage: 20913  
Name: NCH CORP  
Address: 2727 CHEMSEARCH BLVD  
Box: 152170  
City: IRVING TX 75015-2170  
Phone: 972-438-0563

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Item Description Information  
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Item Manager: S9G  
Item Name: LUBRICANT  
Unit of Issue: BX  
Quantitative Expression: 00000000012EA  
UI Container Qty: 0

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health

## Hazards Data

LD50 LC50 Mixture: SEE INGREDIENT 3

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE:(SHORT TERM EXPOS) SEV IRRITANT TO EYES CAUSING REDNESS, TEARING & BLURRED VISION. EXCESSIVE BRTHG OF VAPS CAN LEAD TO NASAL & RESP IRRIT, DIZZ, WEAK, & NAUS. INTENTIONAL INHAL CAN CAUSE UNCON, EVEN ASPHY. SWALLOWING CAN CAUSE CRAMPING, VOMIT & DIARR. ASPIR

OF MATL INTO LUNGS CAN CAUSE CHEM PENUM(EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptions Of Overexposure: HLTH HAZ:WHICH CAN BE FATAL. CHRONIC:(LONG TERM EXPOS)CAUSES MARKED IRRIT OF EYES & MAY CAUSE CORNEAL CLOUDING. EXCESSIVE OVEREXP TO SKIN CAN CAUSE DERM & CHAPPING. RPTS HAVE ASSOC RPTD & RPLONGD TO S OLVS W/PERM BRAIN DMG & NERV SYS DMG (SOME-TIMES REFERRED TO PAINTER'S SYNDROME). TARGET ORGANS:CNS, RESP S

YS,

Medical Cond Aggravated By Exposure: SKIN DISORDERS MAY BE AGGRAVATED UPON EXPOSURE.

First Aid: INHAL:GET PERSON OUT OF CONTAMD AREA TO FRESH AIR. IF BRTHG HAS STOPPED, ARTF RESP SHOULD BE STARTED. OXYG MAY BE ADMIN, IF READILY AVAIL. SEEK MED ATTN IMMED. EYE:FLUSH W/LG AMTS OF WATER FOR @ LEAST 15 MINS, LIFTING UPPER & LOWER LIDS OCCASNLY. GET MED ATTN IF IRRIT PERSISTS. TREATMENT IS MOST EFTIVE W/IN 1 MIN. SKIN:THORO WASH EXPOS AREA W/SOAP & WATER. REMOVE CONTAMD CLTH G & LAUNDRER (SUPDAT)

## Handling and Disposal

Spill Release Procedures: AEROSOL CNTNR SO SPILL UNLIKELY. IN CASE OF LEAKAGE, PICK UP W/ABSORB SUCH AS PAPER, VERMICULITE, ETC. TO OBTAIN SPILL. DO NOT FLUSH TO SEWER. PLACE INTO LABELED CNTNRS FOR PROPER DISP.

Waste Disposal Methods: DO NOT INCINERATE/PUNCTURE CAN. DISPOSE OF I/A/W ALL FEDERAL, STATE AND LOCAL POLLUTION REGULATIONS

Handling And Storage Precautions: STORE AT TEMP <120F TO PVNT POSSIBILITY OF RUPTURE. KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL BEFORE USE.

Other Precautions: DELIBERATE CONCENTATION & INHAL OF VAPORS CAN BE FATAL.

## Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point Text: 80.0F,26.7C

Lower Limits: 2.2%

Upper Limits: 11.0%

Extinguishing Media: FO

AM, CO\*2, DRY CHEMICAL.

Fire Fighting Procedures: NIOSH/MSHA APPRVD SCBA W/FULL FACEPIECE OPERATED IN PRESS-DEMAND/OTHER POS PRESS MODE WHEN FIGHTING FIRE. SPRAY WATER ON AEROSOL CNTNRS TO COOL THEM, (SUPDAT)

Unusual Fire/Explosion Hazard: VAPORS ARE HVR/AIR AND MAY TRAVEL TO AREAS DISTANT FROM HANDLING POINT.

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Control Measures  
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Respiratory Protection: TYPICAL USE OF PROD DOES NOT REQ USE OF RESP. USE

NIOSH/MSHA APPRVD MASK IF MISTING. IN CASE OF EMER, USE NIOSH/MSHA SCBA.

Ventilation: LOC EXHAUST VENT SUFFICIENT TO MAINTAIN WORKPLACE CONC BELOW PEL EXPOS LIMITS.

Protective Gloves: NEOPRENE/NITRILE RUBB GLOVES.

Eye Protection: ASNI APPRVD CHEM WORK GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: FIRE FIGHT PROC:AV

OIDING RUPTURING. FIRST AID

PROC:BEFORE REUSE. APPLY EMOLLIENT RICH CREAM. INGEST:DO NOT INDUCE VOMIT.

KEEP PERSON WARM, QUIET & GET MED ATTN. ASPIR OF MATL INTO LUNGS DUE TO VOMIT C AN CAUSE CHEM PNEUM WHICH CAN BE FATAL.NOTES TO PHYS:GASTRIC LAVAGE IS INDICATED. DO NOT INDUCE VOMITING.

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Physical/Chemical Properties  
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B.P. Text: 160F,71C

Vapor Pres: 13.6

Vapor Density: 1.8

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pec Gravity: 0.860 (H\*2O=1)

Evaporation Rate & Reference: 0.6 (BU AC = 1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: TRANSPARENT AMBER, SOLVENT ODOR

Percent Volatiles by Volume: 50

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: AVOID HEAT SPARKS & OPEN FLAME.

Materials To Avoid: STRONG ACIDS, BASES & OXIDIZERS, NITRATES.

Hazardous Decomposition Pr

Products: CARBON MONOXIDE UPON BURNING.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Code: DO481  
Trans ID NO: 99341  
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Product ID: YIELD AEROSOL, 5068  
MSDS Prepared Date: 12/31/1991  
Review Date: 12/18/1995  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: BX  
Container QTY: 0

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Detail DOT Information  
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DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: FLAMMABLE GAS  
Special Provision: N82  
Non

Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85

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Detail IMO Information  
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IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Num  
ber: 2-13

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Detail IATA Information  
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IATA PSN Code: ALS  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pass: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203

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Detail AFI Inf  
ormation  
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AFI PSN Code: ALS  
AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.  
AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I OR II  
AFI Hazard Class: FORB  
Back Pack Reference: FORBIDDEN

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HAZCOM Label  
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Product ID: YIELD AEROSOL, 5068  
Cage: DO481  
Assigned IND: Y  
Company Name: NATIONAL CHEMSEARCH DIV OF NCH

CORP  
Street: 2727 CHEMSEARCH BLVD  
PO Box: 152170  
City: IRVING TX  
Zipcode: 75015-5000  
Health Emergency Phone: 214-438-1381  
Label Required IND: Y  
Date Of Label Review: 02/15/1995  
Status Code: C  
Label Date: 02/15/1995  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Severe  
Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE. ACUTE:(SHORT T  
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EYES CAUSING REDNESS, TEARING & BLURRED VISION. EXCESSIVE BRTHG OF VAPS  
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FATAL. CHRONIC:MARKED EYE IRRITATION, CORNEAL CLOUDING. SKIN:DERMA TITIS,  
CHAPPING. PROLONGED OVEREXPOSURE MAY CAUSE PERMANENT BRAIN & NERVOUS  
SYSTEM DAMAGE

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