

0003, BIG K-SAFETY SOLVENT

MSDS Number

BSDNN

National Stock Number

6850-00N045203

Product Name

0003, BIG K-SAFETY SOLVENT

Manufacturer

NCH CORP

Product Identification

Product ID:0003, BIG K-SAFETY SOLVENT

MSDS Date:04/22/1992

FSC:6850

NIIN:00N045203

MSDS Number: BSDNN

Responsible Party

NCH CORP

IRVING , TX 75015-2125

US

Emergency Phone: 214-438-1381

Cage: FO921

Contractor

NCH CORP

152170

IRVING, TX 75015

US

214-438-0211

Cage: FO921

Ingredients

SILICIC ACID (H₂SiO₃), DISODIUM SALT; (SODIUM METASILICATE)

CAS: 6834-92-0

RTECS: VV9275000

OSHA PEL2 MG/M3, S

ACGIH TLV: 2 MG/M3, S

ETHANOL, 2-BUTOXY-; (EGBE) (BUTYL CELLOSOLVE); (ETHYLENE

CAS: 111-76-2

RTECS: KJ8575000

OSHA PEL25 PPM, S

ACGIH TLV: 25 PPM, S

MAN RESULTING FROM OVEREXP BY ANY ROUTE LIKELY WOULD

RTECS: 9999999ZZ

RETICULOCYTOSIS, GRANULOCYTOSIS & LEUKOCYTOSIS.

RTECS: 9999999ZZ

Hazards

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: SKIN:REDDENING, MOD IRRIT & POSS DISCOMFORT. INHAL:IRRIT BY INHAL & BY MIST TO UPPER RESP TRACT/OTHER MUC MEMB AREAS. EYES:TEARING, IRRIT & DISCOMFORT. INGEST:NAUS, DIARR & IRRIT OF INTESTINAL LINING. CHRONIC: ANIMAL STUDIES CLEARLYDEMONSTRATED DOSE-RELATED ADVERSE EFTS ON CNS, HEMATOPOIETIC (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:TISS, BLOOD, KIDNEYS & LIVER ASSOC W/ADMIN OF ETHYLENE GLYCOL MONOBUTYL ETHER(EGBE). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO 90-118) . LONG-TERM MISUSE RSLTG FROM AIRBORNE CONC OF M IST/SPRAY MAY CAUSE DMG TO UPPER RESP TRACT. MAY RSLT IN SUPERFICIAL DESTRUCTION OF SKIN TISS & DERM. CHRONIC (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. GIVE ARTF RESP IF NEC. EYES:FLUSH W/PLENTY WATER FOR @ LEAST 15 MIN. CALL MD IF IRRIT PERSISTS. SKIN:WASH W/PLENTY WATER. APPLY LANOLIN-RICH SKIN CREAM. CALL MD IF IRRIT PER SISTS. INGEST:DO NOT INDUCE VOMIT. GIVELG QTYS WATER. IF AVAIL, GIVE SEVERAL GLASSES OF MILK. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. SEEK MED ATTN IMMED. NOTES TO MD:ING 1:GASTRIC (SUPDAT)

Fire Fighting

Flash Point Method:CC

Flash Point:NON-FLAMM

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE KNOWN.

Accidental Release

Spill Release Procedures:STOP LEAKS. CONTIAN SPILL. REMOVE BY WET VACUUM OR ABSORBENT. REUSE SPILLED MATERIAL IF POSSIBLE, OTHERWISE, PLACE IN CONTAINER. FLUSH REMAINING RESIDUE TO DRAIN.

Neutralizing Agent:DILUTE (10%) HCL OR FLUSH WITH LARGE AMOUNTS OF WATER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY PLACE (INDOORS, 32F - 120F). KEEP OUT OF REACH OF CHILDREN. READ AND FOLLOW LABEL DIRECTIONS.

Exposure Controls

Respiratory Protection:WITH NORMAL USE, NO RESPIRATOR IS REQUIRED. IN AN EMERGENCY SITUATION, WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:NORMALLY, GENERAL VENTILATION IS ADEQUATE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APRV CHEM GOGG W/FULL LGHT FCSHLD.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFTS OF OVEREXP:EYE EXPOS CAN LEAD TO DESTRUCTION OF TISS TO BLINDNESS.

INGRED CAN BE ABSORBED THRU SKIN & MAY BE HARMFUL. TARGET ORGANS:LIVER, KIDNEY, LYMPHOID SYS, SKIN, BLOOD, EYES & RESP SYS.

DISE ASEs OF THESE SYS MAY BE EXACERBATED BYPRLNG OVEREXP. FIRST

AID PROC:LAVAGE IS INDICATED. ING 2:ORG ABNORM IN (ING 3)

Chemical Properties

HCC:C2
Boiling Pt:B.P. Text:210F,99C
Vapor Pres:17
Vapor Density:0.6
Spec Gravity:1.01 (H*2O=1)
pH:12.2
Evaporation Rate & Reference:0.10 (BU AC = 1)
Solubility in Water:COMPLETE
Appearance and Odor:YELLOW-GREEN; BUTYL ODOR.
Percent Volatiles by Volume:95

Stability

Stability Indicator/Materials to Avoid:YES
OVEREXPOSURE:DARKENS ALUMINUM, TIN, ZINC. ETCHES:ANODIZED ALUMINUM AND GLASS IF LEFT TO DRY.
Hazardous Decomposition Products:IF BURNED OR INCINERATED, MAY EMIT ACRID SMOKE.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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