

# MATERIAL SAFETY DATA SHEET

## SECTION I CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SPRAY AND WIPE IDENTIFICATION NUMBER: LB001 PRODUCT USE/CLASS : HARD SURFACE CLEANER

MANUFACTURER: DIVERSIFIED CHEMICAL PRODUCTS INC. 1208 IRON NORTH KANSAS CITY, MO 64116

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PREPARE DATE: 03/02/99

## SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	TLV_TWA	TLV_STEL	PEL_TW A	SKIN DESIGNATION
SODIUM METASILICATE	6834_92_0	5.0 %		NO INFO	NO INFO	NO
ETHYLENE GLYCOL BUTYL ETHER	111_76_2	5.0 %	25 ppm	NO INFO		YES

(See Section 11 for abbreviation legend)

## SECTION III PHYSICAL DATA

BOILING RANGE : 212 - 340 F VAPOR DENSITY: Is heavier than air ODOR : ALMOND SPECIFIC GRAVITY: 1.02  
APPEARANCE : GREEN LIQUID EVAPORATION RATE: Is slower than Ether SOLUBILITY IN H2O : COMPLETE

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 201 F LOWER EXPLOSIVE LIMIT: NA UPPER EXPLOSIVE LIMIT: NA  
(TAGLIABUE CLOSED CUP)

EXTINGUISHING MEDIA: DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTINGUISH ALL NEARBY SOURCES OF IGNITION SINCE FLAMMABLE HYDROGEN GAS WILL BE LIBERATED FROM CONTACT WITH SOME METALS (ALUMINUM, MAGNESIUM, ETC.). CAUSTICS WILL REACT WITH MANY ORGANIC CHEMICALS.

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

SPECIAL FIREFIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

## SECTION V HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE EYE CONTACT: DESTRUCTIVE. MAY IRRITATE OR BURN, BURNS COULD CAUSE BLINDNESS.

EFFECTS OF OVEREXPOSURE SKIN CONTACT: DESTRUCTIVE. OVEREXPOSURE MAY PRODUCE BURNS.

EFFECTS OF OVEREXPOSURE INHALATION: EXCESSIVE INHALATION MAY DAMAGE RESPIRATORY TRACT. POSSIBLE NAUSEA, DIZZINESS, DIFFICULT BREATHING.

EFFECTS OF OVEREXPOSURE INGESTION: EXTREMELY CORROSIVE. LARGE QUANTITIES COULD CAUSE SEVERE PAIN, NAUSEA, DEATH.

EFFECTS OF OVEREXPOSURE CHRONIC HAZARDS: NONE KNOWN.

FIRST AID: EYE CONTACT: FLUSH WITH WATER 15-30 MINUTES, LIFTING EYELIDS. GET MEDICAL ATTENTION.

FIRST AID: SKIN CONTACT: FLUSH WITH WATER 15 MINUTES. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

FIRST AID: INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION, GET MEDICAL ATTENTION

FIRST AID: INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY: EYE CONTACT

(Continued on Page 2)

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SECTION VI : REACTIVITY DATA

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HAZARDOUS DECOMPOSITION PRODUCTS: NORMAL DECOMPOSITION TO CARBON DIOXIDE (CO<sub>2</sub>), CARBON MONOXIDE (CO). CO MAY BE HAZARDOUS IN ENCLOSED HIGH CONCENTRATIONS.

CONDITIONS TO AVOID: ACIDS.      INCOMPATIBILITY: ACTIVE METALS. STRONG ACIDS MAY PRODUCE VIOLENT REACTION.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.      STABILITY: This product is stable under normal storage conditions.

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SECTION VII : SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR APPROPRIATE PROTECTIVE AND RESPIRATORY EQUIPMENT. DIKE FOR RECOVERY OR DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

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SECTION VIII : SAFE HANDLING AND USE INFORMATION

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RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT.

SKIN PROTECTION: HEAVY RUBBER GLOVES NEEDED.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: PREVENT PROLONGED CONTACT. WEAR BOOTS AND IMPERVIOUS CLOTHING IF NECESSARY. EYE WASH, SAFETY SHOWER AVAILABLE.

HYGENIC PRACTICES: WASH AFTER EACH USE.

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SECTION IX : SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL DRY AREA.

OTHER PRECAUTIONS: OBEY ALL HAZARD WARNINGS WHEN CONTAINERS ARE EMPTIED.

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SECTION X: HMIS RATINGS

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HMIS RATINGS : HEALTH: 1    FLAMMABILITY: 1    REACTIVITY: 0

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SECTION XI: OTHER REGULATIONS

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SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	5.0
SULFURIC ACID	7664-93-9	0.1 %
DIETHANOLAMINE	111-42-2	0.1 %
ETHYLENE OXIDE	75-21-8	0.1 %

PREVIOUS MSDS REVISION DATE: 03/02/99

LEGEND: N.A. \_ Not Applicable, N.E. \_ Not Established, N.D. \_ Not Determined

The information contained on this MSDS is been checked and should be accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

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