



LPS LABORATORIES
ZERO TRI SUPER CLEANER/DEGREASER, C03520, C03528, C03505
01/31/2000

Revised:

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Item Number:

1KGV2, 1LHU1, 2C691

Mfg. Model Number:

03528, 03520

LPS (R*)

LPS LABORATORIES

WHMIS

WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM

SECTION 1 - PRODUCT IDENTIFICATION AND USE

MANUFACTURER'S NAME:

LPS LABORATORIES

ADDRESS (NUMBER STREET):

4647 HUGH HOWELL ROAD

ADDRESS (CITY, PROVINCE, POSTAL CODE):

TUCKER, GA USA 30085-5052

TELEPHONE NUMBER: 770-934-7800

EMERGENCY TELEPHONE NUMBER:

1-613-996-6666 CANUTEC

PRODUCT IDENTIFIER:

ZERO TRI SUPER CLEANER/DEGREASER

PRODUCT USE:

CLEANER/DEGREASER

PART NUMBERS:

C03520, C03528, C03505

SECTION 4 - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: YES (X) NO ()
PRODUCT WILL IGNITE WHEN EXPOSED TO AN OPEN FLAME.

FLAMMABLE LIMITS:
LEL: 1.2%
UEL: 12.8%

FLASH POINT: -18 DEG C

AUTOIGNITION TEMPERATURE: N.AV.

EXTINGUISHING MEDIA:
FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER CAN BE USED TO COOL AEROSOLS.

HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE AND CARBON MONOXIDE.

SENSITIVITY TO IMPACT: NONE

SENSITIVITY TO STATIC DISCHARGE: YES. SEE SECTION 7.

SPECIAL HAZARDS (INCLUDING EXPLOSION DATA):
EXCESSIVE HEAT CREATED BY FIRE WILL CAUSE AEROSOLS TO BURST.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID SPARKS OR OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY AND UNDER WHAT CONDITIONS: NONE KNOWN AT THIS TIME.

SECTION 6 - TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE(S) OF ENTRY: INHALATION, INGESTION (UNLIKELY).

EXPOSURE LIMITS: NOT ESTABLISHED (SEE SECTION 2).

ACUTE EFFECTS OF OVER EXPOSURE:

INHALATION:

HEADACHE, LIGHT HEADEDNESS, GIDDINESS, CENTRAL NERVOUS SYSTEM DEPRESSION.
MAY IRRITATE MUCOSAL TISSUE AT HIGH CONCENTRATIONS.

EYES: IRRITATION.

SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE DRYING OF SKIN.

INGESTION:

MINUTE AMOUNTS ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE
PULMONARY INJURY. MAY ALSO CAUSE SEVERE GASTROINTESTINAL DISTRESS.

CHRONIC EFFECTS OF EXPOSURE: NONE KNOWN AT THIS TIME.

CARCINOGENICITY: NONE KNOWN AT THIS TIME.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS.

**OTHER TOXICOLOGICAL PROPERTIES (INCLUDING REPRODUCTIVE TOXICITY, SYNERGISTIC
EFFECTS, SENSITIZATION, TERATOGENICITY, MUTAGENICITY):**
NONE KNOWN AT THIS TIME.

SECTION 7 - PREVENTIVE MEASURES

HANDS:

USE SOLVENT RESISTANT GLOVES (NITRILE, NEOPRENE) WHEN HANDLING LIQUID.

EYES:

USE FACE SHIELD OR GOGGLES WHEN SPRAYING OR SPLASHING LIQUID.

RESPIRATORY:

NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. FOR ENCLOSED AREAS, USE AN
ORGANIC VAPOR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

ENGINEERING CONTROLS:

LOCAL EXHAUST IS USUALLY ADEQUATE; HOWEVER, MECHANICAL VENTILATION SHOULD BE
USED WHEN SPRAYING IN ENCLOSED AREAS. VAPOR CONCENTRATION SHOULD BE
MINIMIZED AS MUCH AS POSSIBLE.

PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL:

VENTILATE AREA BY OPENING WINDOWS AND DOORS. REMOVE IGNITION SOURCES. REMOVE
LEAKING CONTAINER AND TRANSFER REMAINING PRODUCT TO ANOTHER VESSEL. FOR
LARGE SPILLS, PREVENT PRODUCT FROM GOING INTO SEWERS AND WATER SOURCES BY
DIKING OR IMPOUNDING. USE APPROPRIATE SAFETY EQUIPMENT, MOP UP OR SOAK UP
WITH ABSORBENT MATERIAL, SUCH AS SAND OR CLAY, AND TRANSFER TO DISPOSAL
DRUMS USING NON- SPARKING EQUIPMENT.

WASTE DISPOSAL:

DISPOSE OF IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL, AND FEDERAL REGULATIONS
FOR PETROLEUM DISTILLATES. DO NOT INCINERATE AEROSOLS. DO NOT FLUSH TO THE
SEWER.

HANDLING AND STORAGE PROCEDURES:

STORE AEROSOLS BELOW 50 DEG C AND ABOVE 0 DEG C. STORE BULK BELOW 40 DEG C.
STORE AWAY FROM IGNITION SOURCES AND AVOID BREATHING VAPORS. WASH HANDS WITH
SOAP AND WATER AFTER USE, OR BEFORE BREAKS AND LUNCH AND AT THE END OF WORK
PERIODS. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. VAPORS WILL
COLLECT IN LOW AREAS, USE AND STORE WITH ADEQUATE VENTILATION. BOND AND

GROUND DURING TRANSFER OF LIQUID.

H.M.I.S LABELING:

HEALTH: 1
FIRE: 3
REACTIVITY: 0
PERSONAL PROTECTION: B

N.F.P.A. LABELING:

HEALTH: 1
FIRE: 3
REACTIVITY: 0

SECTION 8 - FIRST AID MEASURES

EMERGENCY FIRST AID MEASURES:

INHALATION:

MOVE TO FRESH AIR AND CONTACT PHYSICIAN. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.

EYES: FLUSH WITH COPIOUS AMOUNTS OF COLD WATER AND CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER, THEN APPLY MEDICATED SKIN CREAM.

INGESTION: DO NOT INDUCE VOMITING, CONTACT PHYSICIAN IMMEDIATELY.

SECTION 9 - PREPARATION DATE OF WHMIS

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JANUARY 31, 2000
FRED FUGITT, TECHNICAL SERVICES CHEMIST
ED WILLIAMS, MANAGER OF RESEARCH AND DEVELOPMENT
LPS LABORATORIES

FORM #2740

WHMIS LPS ZERO TRI SUPER CLEANER/DEGREASER

ITW

N.AV = NOT AVAILABLE
N.AP = NOT APPLICABLE