

LORD CORP -- ACCELERATOR 4 (RD2132-17) -- 8040-01-181-2355

=====
Product Identification
=====

Product ID:ACCELERATOR 4 (RD2132-17)

MSDS Date:01/06/1997

FSC:8040

NIIN:01-181-2355

Status Code:A

MSDS Number: CKHXH

=== Responsible Party ===

Company Name:LORD CORP

Address:2000 WEST GRANDVIEW BLVD

City:ERIE

State:PA

ZIP:16514

Country:US

Info Phone Num:814-868-3611

Emergency Phone Num:814-763-2345

CAGE:3

0676

=== Contractor Identification ===

Company Name:LORD CORPORATION, CHEMICAL PRODUCTS DIVISION

Address:2000 WEST GRANDVIEW BLVD

Box:City:ERIE

State:PA

ZIP:16514-0038

Country:US

Phone:814-868-3611

CAGE:30676

=====
Composition/Information on Ingredients
=====

Ingred Name:BENZOYL PEROXIDE

CAS:94-36-0

Fraction by Wt: 10%

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:METHYL ISOBUTYL KETONE

CAS:108-10-1

Fraction by Wt: 10%

OSHA PEL:100 PPM

ACGIH TLV:50 PPM

ACGIH STEL:75 PPM

EPA

Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL METHACRYLATE
CAS:80-62-6
RTECS #:OZ5075000
Fraction by Wt: 2%
OSHA PEL:410 MG/M3;100 PPM
ACGIH TLV:410 MG/M3;100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYLENE CHLORIDE
CAS:75-09-2
Fraction by Wt: 70%
OSHA PEL:1000 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TRICHLOROETHYLENE
CAS:79-01-6
RTECS #:KX4550000
Fraction by Wt: 15%
OSHA PEL:100 PPM
OSHA STEL:200 PPM
ACGIH TLV:50 PPM
ACGIH ST
EL:100 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:MAY CAUSE SKIN AND EYE IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT
IRRITATION.
Effects of Overexposure:EYE CONTACT: MAY CAUSE EYE IRRITATION . MAY
CAUSE SKIN SENSITIZATION. MAY CAUSE DERMATITIS. EFFECTS OF
OVEREXPOSURE INHALATION: MAY

CAUSE RESPIRATORY TRACT IRRITATION.

EFFECTS OF OVEREXPOSURE IN GESTION: HARMFUL IF SWALLOWED.

INGESTION IS NOT AN EXPOOTED ROUTE OF ENTRY IN INDUSTRIAL OR COMMERCIAL USES. CHRONIC SKIN CONTACT MAY CAUSE DERMATITIS.

=====
===== First Aid Measures =====

First Aid:EYE CONTACT: FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS OPEN WHILE FLUSHING. GET PROMPT MEDICAL ATTENTION. SKIN CONTACT: FLUSH CON

TAMINATED

SKIN WIT H LARGE AMOUNTS OF WATER WHILE REMOVING CONTAMINATED CLOTHING. WASH AFFECTED SKIN AREAS WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INHALATION: MOVE PERSON TO FRESH AIR. RESTOR E AND SUPPORT CONTINUED BREATHING. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. *

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

Flash Point Method:SCC

Flash Point:>93.3C, 200.F

93C

Lower Limits:1.4

Uppe

r Limits:44.8

Extinguishing Media:CO2 DRY CHEMICAL FOAM WATER FOG

Fire Fighting Procedures:WEAR FULL FIREFIGHTING PROTECTIVE CLOTHING, INCLUDING SELF-COMTAINED BREATHING APPARATUS (SCBA). IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND PARTIC ULATE MAY BE GENERATED BY THORMAL DECOMPOSITION OR COMBUSTION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS LIGHTLY CLOSED. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT. U SE WATER

SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Spill Release Procedures:AVOID BREATHING VAPORS. NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY. AVOID CONTACT. USE APPROPRIATE RESPIRATORY PROTECTION FOR LARGE SPILLS OR SPILLS IN CONFINED AREA. KEEP NON-ESSENTIAL PERSONNEL AWAY FROM SPILL AREA. SCOOP SPILLED MATERIAL INTO AN APPROPRIATE CONTAINER FOR PROPER DISPOSAL. (IF NECESSARY, USE INERT AB

SORBENT MATERIAL TO AID IN CONTAINING THE SPILL).

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

Handling and Storage Precautions:KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. AVOID SKIN AND EYE CONTACT. WASH THOROUGHLY AFTER HANDLING. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. EMPTY CONTAINERS SHOULD NOT BE RE-USED. USE WITH ADEQUATE VENTILATION. **

Other Precautions:*IF SWALLOWED, DO NOT INDUCE VOMITIN

G. GIVE VICTIM

ONE OR TWO GLASSES OF WATER OR MILK. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY FOR FUTHER INSTRUCTIONS. NEVER GIVE ANYTHING BY MOUTH T O AN UNCONSCIOUS PERSON. **STORE ONLY IN WELL-VENTILATED AREAS. KEEP CONTAINER CLOSED WHEN NOT IN USE.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH/MEHA APPROVED AIR-PURIFYING ORGANIC VAPOR RESPIRATOR IF OCCUPATIONAL LIMITS ARE EXCEEDED. FOR EMERG

ENCY SITUATIONS, CONFINED SPACE USE, OR OTHER CONDITIONS WHERE EXPOSURE LIMITS MAY BE GR EATLY EXCEEDED, USE AN APPROVED AIR-SUPPLIED RESPIRATOR. OBSERVE OSHA REGULATIONS (29CFR 1910.13) FOR RESPIRATOR USE.

Ventilation:SUFFICIENT VENTILATION IN PATTERN AND VOLUME SHOULD BE PROVIDED IN ORDER TO MAINTAIN AIR CONTAMINANT LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:USE NEOPRENE, NITRILE, OR RUBBER GLOVES TO PREVENT SKIN CONTACT.

Eye Protection:SAFETY GOGGLES AND SPLASH GUARDS

Other Protective Equipment:USE DISPOSABLE OR IMPERVIOUS CLOTHING IF WORK CLOTHING CONTAMINATION IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING TOILET FACILITY. FOOD OR BEVERAGES SHOULD NOT BE CONSUMED ANYWHERE THIS PRODUCT IS HANDLED OR STORED. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

Boiling Pt:>40.C, 104.F
B.P. Text:104-241F
Vapor Density:HEAVIER TH
Spec Gravity:1.25
VOC Pounds/Gallon:781
Evaporation Rate & Reference:SLOWER THAN
Solubility in Water:INSOLUBLE
Appearance and Odor:MILKY LIQUID/SOLVENT ODOR.
Percent Volatiles by Volume:88.9

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

Stability Indicator/Materials to Avoid:YES
ALUMINUM, ZINC, CAUSTICS, HALOGENS. STRON OXIDIZERS ACIDS, BASES.
Stability Condition to Avoid:ALUMINUM OR GALVANIZED PARTS
IN A CLOSED
SYSTEM. DRIED MATERIAL IS FLAMMABLE, SENSITIVE TO SHOCK AND HEAT.
DIRECT SUNLIGHT, SHOCK, AND TEMPERATURES IN EXCESS OF 90°F
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
ALDEHYDES.

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

Toxicological Information:NO PRODUCT TOXICOLOGICAL INFORMATION IS
AVAILABLE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE DONE IN ACCO
RDANCE WITH
FEDERAL (40CFR PART 261), STATE AND LOCAL ENVIROMENTAL CONTROL
REGULATIONS. IF WASTE IS DETERMINED TO BE HAZARDOUS, USE LICENSED
HAZARDOUS WASTE TRANSPORTOR AND DISPOSAL FACILITY.

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: NOT REGULATED DOT
HAZARD CLASS: NONE DOT UN/NA NUMBER: NONE EMERGENCY RESPONSE
RESPONSE GUIDE NUMBER: NONE PACKING GROUP: NONE

===== Regulatory I

nformation =====

SARA Title III Information:OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.12) THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF T HE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: 1) METHYLENE CHLORIDE 2) TRICHLOROETHYLENE 3) METHYL ISOBUTYL KETONE 4) BENZOYL PEROXIDE 5) METHYL METHACRYLATE INV ENTORY STATUS:

THE CHEMICAL SUBSTANCES IN THIS PRODUCT ARE ON THE TSCA SECTION8 INVENTORY.

State Regulatory Information:U.S. FEDERAL REGULATIONS: AS FOLLOWS - OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) INTERNATIONAL REGULATIONS: AS FOLLOWS - CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR USE OF THE 16 HEADINGS. CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

=====

= Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability o f this information to their particular situation.