

LORD CHEMICAL PRODUCTS -- VERSILOK ACCELERATOR NO 4 - ACCELERATOR
MATERIAL SAFETY DATA SHEET
NSN: 8040011812355
Manufacturer's CAGE: 30676
Part No. Indicator: A
Part Number/Trade Name: VERSILOK ACCELERATOR NO 4
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General Information
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Item Name: ACCELERATOR
Company's Name: LORD CHEMICAL PRODUCTS
Company's Street: 2000 W GRANDVIEW BLVD
Company's P. O. Box: 10038
Company's City: ERIE
Company's State: PA
Company's Country: US
Company's Zip Code: 16514-0038
Company's Emerg Ph #: 814-763-2345 "EMERG SAFETY ENGINEER"
Company's Info Ph #: 814-868-3611 "REGULATORY COMPLIANCE"
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SM
Date MSDS Prepared: 19JUN91
Safety Data Review Date: 22DEC92
Supply Item Manager: GSA
MSDS Preparer's Name: J A MISTEROVICH
Preparer's Company: LORD CHEMICAL PRODUCT
Preparer's St Or P. O. Box: 2000 WEST GRANDVIEW BLVD
Preparer's City: ERIE
Preparer's State: PA
Preparer's Zip Code: 16514-0038
MSDS Serial Number: BRFTB
Hazard Characteristic Code: N/
Unit Of Issue: CN
Unit Of Issue Container Qty: 8 OZ
Type Of Container: PLASTIC
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Ingredients/Identity Information
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Proprietary: NO
Ingredient: DICHLOROMETHANE (METHYLENE CHLORIDE) (VAPOR PRESSURE 350 MM HG @ 20C) (LEL 12)
Ingredient Sequence Number: 01
Percent: 70
NIOSH (RTECS) Number: PA8050000
CAS Number: 75-09-2
OSHA PEL: 500PPM/1000PPM
ACGIH TLV: 50 PPM/STEL 500 PPM
Other Recommended Limit: *2000PPM 5MIN/2HR PK

Proprietary: NO
Ingredient: BENZOYL PEROXIDE (SARA III)
Ingredient Sequence Number: 02
Percent: 10
NIOSH (RTECS) Number: DM8579000
CAS Number: 94-36-0
OSHA PEL: 5 MG/M3

ACGIH TLV: 5 MG/M3

Other Recommended Limit: NONE SPECIFIED

Proprietary: NO

Ingredient: TRICHLOROETHYLENE (SARA III) (VAPOR PRESSURE 58 MM HG @ 20C)
(LEL 12)

Ingredient Sequence Number: 03

Percent: 10

NIOSH (RTECS) Number: KX4550000

CAS Number: 79-01-6

OSHA PEL: 100 PPM/100 STEL

ACGIH TLV: 50 PPM/100, A5STEL; 93

Other Recommended Limit: NONE SPECIFIED

Proprietary: NO

Ingredient: METHYL ISOBUTYL KETONE (HEXONE) (SARA III) (VAPOR PRESSURE 15
MM HG @ 20C) (LEL 1.4)

Ingredient Sequence Number: 04

Percent: 10

NIOSH (RTECS) Number: SA9275000

CAS Number: 108-10-1

OSHA PEL: 100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics

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Appearance And Odor: MILKY LIQUID, SOLVENT ODOR

Boiling Point: 224F, 107C

Vapor Density (Air=1): > AIR

Specific Gravity: 10.4 LBS/GAL

Evaporation Rate And Ref: SLOWER THAN ETHER

Percent Volatiles By Volume: 80-90

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Fire and Explosion Hazard Data

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Flash Point: >200F, >93C

Lower Explosive Limit: 1.4

Extinguishing Media: FOAM, CO2, DRY CHEMICAL

Special Fire Fighting Proc: FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-
CONTAINED BREATHING APPARATUS SHOULD BE USED. IF WATER IS USED, FOG NOZZLES
PREFERRED, USE TO COOL CLSD CNTNR.

Unusual Fire And Expl Hazrds: KEEP CNTNRS CLSD. KEEP FROM HEAT/IGNIT
SOURCE. USE WATER TO COOL CLSD CNTNR (PREVENT PRESSR BLDUP/AUTOIGNIT/
EXPLOSION). USE FULL PROTECT CLOTH & EQUIP (SCBA).

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): DIRECT SUNLIGHT, SHOCK, TEMPERATURES IN EXCESS
OF 90F. DRIED MATERIAL IS EXTREMELY FLAMMABLE.

Materials To Avoid: ALUMINUM OXIDES, ZINC OXIDE, OXIDIZING & REDUCING
AGENTS, PRESSURIZABLE EQUIPMENT CONTAINING ALUMINUM & ZINC PARTS.

Hazardous Decomp Products: CO, CO2, CL2, HCL

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Health Hazard Data

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Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE; POSSIBLE RESPIRATORY SYSTEM IRRIT (THROAT DRYNESS, TIGHT CHEST, SHORT BREATH) ANESTHETIC, RESPIRATORY IRRITANT. SKIN IRRITANT. EYE IRRITANT. CENTRAL NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). HEADACHE & NAUSEA.
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Explanation Carcinogenicity: LTD EVIDENCE TRICHLOROETHYLENE CARCINOGEN (MICE ORAL). CLEAR EVIDENCE CARCINOGENICITY (MICE-METHYLENE CHLORIDE). IARC 2B.
Signs/Symptoms Of Overexp: CHRONIC; DERMATITIS, LIVER/KIDNEY DAMAGE. REPEATED/PROLONGED SOLVENT OVEREXPOSURE MAY RESULT IN PERMANENT NERVOUS SYSTEM DAMAGE. MAY AFFECT GASTROINTESTINAL SYSTEM.
Med Cond Aggravated By Exp: RESPIRATORY ALLERGIES. CHRONIC DISEASES OF SKIN. CHRONIC DISEASES OF NOSE, THROAT & RESPIRATORY TRACT. CHRONIC DISEASES OF THE CENTRAL NERVOUS SYSTEM. CHRONIC DISEASES OF GASTROINTESTINAL TRACT.
Emergency/First Aid Proc: INHALE: MOVE TO FRESH AIR. RESTORE BREATHING BY ARTIF RESPERATION. TREAT SYMPTOMS. SEE DR.EYES: FLUSH IMMED W/WATER 15 MIN, HOLDING EYELIDS OPEN. TAKE TO DR FOR MED TREATMENT SKIN:FLUSH CONTAM SKIN & CLOTHES W/LRG AMTS WATER.REMOVE CONTAM CLOTHES.WASH SKIN W/SOAP & WATER.SEE DR IF IRRITATION PERSISTS.INGEST:DRINK 1-2 GLASSES MILK/WATER TO DILUTE.DONT INDUCE VOMITING.CONSULT DR/POISON CONTROL CENTER.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: EVACUATE NON-ESSENTIAL PERSONNEL. AVOID BREATHING VAPORS. VENT AREA. NOTIFY APPROPRIATE AUTHORITIES IF NEEDED. AVOID CONTACT. CONTAIN AND REMOVE WITH INERT ABSORBENT MATERIAL AND NON-SPARKING TOOLS.
Waste Disposal Method: DISPOSE IN ACCORDANCE W/FED (40CFR PART 261), STATE & LOCAL ENVIRONMENTAL CONTROL REGS. BEFORE ATTEMPTING CLEAN-UP, REFER TO HAZARD CAUTION INFORMATION IN OTHER SECTIONS OF MSDS. IF WASTE HAZARD, USE LICENSED HZD WASTE TRANSPORTER/DISPOSAL FACILITY.
Precautions-Handling/Storing: DONT STORE/USE NEAR HEAT/OPEN FLAME. STORE IN WELL-VENTED AREAS. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT PRESSURE VESSEL. DONT GET IN EYES/ON SKIN.
Other Precautions: DONT PUNCTURE/DAG/SLIDE CNTNR. DONT REUSE EMPTY DRUM. PREVENT PROLONG/REPEAT BREATHING. DONT HANDLE TILL MFR'S PRECAUTIONS READ/UNDERSTOOD. DONT WELD/FLAME CUT EMPTY DRUM. AVOID USING PRESSURIZABLE EQUIP W/ALUMINUM OR ZINC PARTS.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND ORGANIC VAPOR IF OCCUPATIONAL EXPOSURE LIMITS EXCEEDED. USE NIOSH/MSHA APPROVED AIRLINE TYPE RESPIRATOR OR HOOD IN CONFINED AREAS.
Ventilation: SUFFICIENT VENTILATION TO KEEP AIR CONTAM CONC BELOW TLV. VENT APPLICATION AREAS IN ACCORDANCE W/ OSHA REG 29CFR 1910.94
Protective Gloves: RUBBER, NEOPRENE, NITRILE (PREVENT CONTACT)
Eye Protection: USE SAFETY GLASSES W/SIDE SHLDS-MINIMUM
Other Protective Equipment: USE DISPOSABLE/IMPERVIOUS CLOTHING IF CONTAM LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices: WASH HAND BEFORE EAT, SMOKE, USING WASHRM. DONT SMOKE IN CHEM HANDL/STORAGE AREA. DONT CONSUME FOOD, DRINK IN HANDL/STORAGE # Suppl. Safety & Health Data: # AREA. WASH AFTER HANDLING. PRODUCT CONTAINS BENZOYL PEROXIDE AT 10% & AS MANUFACTURED & SOLD, IT IS CONSIDERED STABLE & DOESNT EXHIBIT HAZARDS OF DRY BENZOYL PEROXIDE. HOWEVER, IF SOLVENTS ALLOWED TO EVAPORATE, DRIED RESIDUAL MAT'L MAY IGNITE IN PRESENCE OF HEAT, SHOCK, FRICTION, OR CONTACT W/COMBUSTIBLE MATERIAL.

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Transportation Data

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Trans Data Review Date: 92357
DOT PSN Code: EUP
DOT Proper Shipping Name: DICHLOROMETHANE
DOT Class: 6.1
DOT ID Number: UN1593
DOT Pack Group: III
DOT Label: KEEP AWAY FROM FOOD
IMO PSN Code: FLF
IMO Proper Shipping Name: DICHLOROMETHANE
IMO Regulations Page Number: 6127
IMO UN Number: 1593
IMO UN Class: 6.1
IMO Subsidiary Risk Label: -
IATA PSN Code: IYW
IATA UN ID Number: 1593
IATA Proper Shipping Name: DICHLOROMETHANE
IATA UN Class: 6.1
IATA Label: TOXIC
AFI PSN Code: IYW
AFI Prop. Shipping Name: DICHLOROMETHANE
AFI Class: 6.1
AFI ID Number: UN1593
AFI Pack Group: III
AFI Special Prov: N36
AFI Basic Pac Ref: 10-10
MMAC Code: NK

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Disposal Data

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Label Data

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Label Required: YES
Label Status: G
Common Name: VERSILOK ACCELERATOR NO 4
Special Hazard Precautions: ACUTE; POSSIBLE RESPIRATORY SYSTEM IRRIT (THROAT DRYNESS, TIGHT CHEST, SHORT BREATH) ANESTHETIC, RESPIRATORY IRRITANT. SKIN IRRITANT. EYE IRRITANT. CENTRAL NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). HEADACHE & NAUSEA. CHRONIC; DERMATITIS, LIVER/KIDNEY DAMAGE. REPEATED/PROLONGED SOLVENT OVEREXPOSURE MAY RESULT IN PERMANENT NERVOUS SYSTEM DAMAGE. MAY AFFECT GASTROINTESTINAL SYSTEM.
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Label State: PA

Label Zip Code: 16514-0038

Label Country: US

Label Emergency Number: 814-763-2345"EMERG SAFETY ENGINEER"