

ISOLYSER -- LTS LIQUID TREATMENT SYSTEM, LTS 60000  
MATERIAL SAFETY DATA SHEET  
NSN: 655000N082630  
Manufacturer's CAGE: 0U4G8  
Part No. Indicator: A  
Part Number/Trade Name: LTS LIQUID TREATMENT SYSTEM, LTS 60000

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General Information  
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Company's Name: ISOLYSER CO INC  
Company's Street: 4320 INTERNATIONAL BLVD  
Company's City: NORCROSS  
Company's State: GA  
Company's Country: US  
Company's Zip Code: 30093  
Company's Emerg Ph #: 404-381-7566;800-424-9300 (CHEMTREC)  
Company's Info Ph #: 404-381-7566  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SMJ  
Date MSDS Prepared: 24APR95  
Safety Data Review Date: 28JAN98  
MSDS Preparer's Name: FRANK STANTON  
Preparer's Company: SAME  
MSDS Serial Number: CGDJJ

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Ingredients/Identity Information  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 01  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 02  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 03  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 04  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 05  
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Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 06  
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Physical/Chemical Characteristics  
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Appearance And Odor: FREE-FLOWING CRYSTALLINE TO GRANULAR TAN POWDER;  
SLIGHT PHENOL ODOR.  
Boiling Point: SEE ING 1  
Vapor Pressure (MM Hg/70 F): SEE ING 1  
Specific Gravity: 0.54  
Evaporation Rate And Ref: N/A  
Solubility In Water: INSOLUBLE  
pH: SUPDAT

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Fire and Explosion Hazard Data  
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Flash Point: 370F,188C  
Flash Point Method: CC  
Extinguishing Media: WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE OR HALON.  
Special Fire Fighting Proc: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: COMBUSTION CAN EVOLVE CARBON MONOXIDE AND OXIDES OF NITROGEN.

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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): MATERIAL STABLE BUT CAN COMBUST.  
Materials To Avoid: OXIDIZING AGENTS, STRONG ACIDS OR ALKALI.  
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, FLUORO- AND CHLORO-CONTAINING COMPOUNDS.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: EYES: DIRECT CONTACT W/RESIN GRANULES CAN PRODUCE MODERATE TO SEVERE IRRITATION. SKIN: MAY PRODUCE MILD IRRITATION OR DRYING ON PRLNGD/RPTD CONTACT. INHAL: PRLNGD/RPTD INHALATION MAY PRODUCE NOSE OR THROAT IRRITATION, HEADACHE, NAUSEA & DIZZINESS. SEVERE OVEREXP MAY LEAD TO DISORIENTATION, WEAKNESS (EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
Signs/Symptoms Of Overexp: HLTH HAZ: & COLLAPSE W/DROP IN BLOOD PRESSURE. INGEST: SWALLOWING THIS PROD MAY LEAD TO MOUTH & STOMACH IRRITATION ACCOMPANIED BY BURNING PAIN, NAUSEA, VOMITING & DIARRHEA. PERSONS W/HISTORY OF DISEASE OR ILLNESS INVOLVING THE SKIN, EYES, RESPIRATORY TRACT OR CIRCULATORY SYSTEM MAY BE AT GREATER RISK OF (SUPDAT)  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. DO NOT USE CHEMICAL AGENTS TO NEUTRALIZE. SEEK MEDICAL AID. SKIN: WIPE OR WASH MATERIAL FROM SKIN. WASH CONTAMINATED CLOTHING. SEEK MEDICAL AID. INHALATION: REMOVE FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION AND OXYGEN IF NECESSARY. SEEK MEDICAL AID. INGESTION: CALL CHEMTREC AT 1-800-424-9300 AND SEEK MEDICAL AID.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: TAKE UP WITH PAN AND BROOM. WEAR GLOVES. FOR VERY LARGE AMOUNTS, USE NIOSH APPROVED PERSONAL RESPIRATORY PROTECTION AND EYE PROTECTION. SHUT OFF SOURCES OF IGNITION. EVACUATE AREA AND GUARD AGAINST FIRE.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Method: ALL WASTE DISPOSAL MUST BE DONE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.  
Precautions-Handling/Storing: PRACTICE REASONABLE CARE & CLEANLINESS. KEEP CONTAINER CLOSED TO AVOID MOISTURE PICKUP. WASH HANDS THOROUGHLY AFTER HANDLING. STORE IN COOL, (SUPDAT)  
Other Precautions: DO NOT TAKE INTERNALLY. WASH EXPOSED AREAS PROMPTLY & THOROUGHLY AFTER CONTACT & BEFORE EATING, DRINKING, USE OF TOBACCO PRODS OR USE OF RESTROOMS. DO NOT WEAR CONTACTS W/OUT EYE PROTECTION. MAY CAUSE SKIN & EYE IRRITATION. DUST (ING 4)

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Control Measures

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Respiratory Protection: NIOSH APPROVED AIR PURIFYING OR AIR-LINE  
RESPIRATOR WHEN DUST LEVELS EXCEED EXPOSURE LIMITS (5 MG/M3 RESPIRABLE PEL)  
Ventilation: SPECIAL VENTILATION NOT REQUIRED FOR NORMAL USE.  
Protective Gloves: RUBBER OR PLASTIC GLOVES (ING 6)  
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).  
Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Suppl. Safety & Health Data: USERS OF "L" VERSION SHOULD CONSULT "LR"  
VERSION FOR ADDITIONAL INFO (FP N). PH (0.5% IN SALINE): 6.5-7.0. EFTS OF  
OVEREXP: DEVELOPING ADVERSE HEALTH EFFECTS FROM EXPOS TO THIS PROD. HNDLG/  
STOR PRECS: DRY AREA. ELIMINATE SOURCE OF IGNITION SUCH AS STATIC  
DISCHARGE, OPEN FLAMES, ETC.  
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Transportation Data  
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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 28JAN98  
Label Date: 27JAN98  
Label Status: G  
Common Name: LTS LIQUID TREATMENT SYSTEM, LTS 60000  
Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard-Moderate: X  
Contact Hazard-Moderate: X  
Fire Hazard-Slight: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: COMBUSTIBLE. ACUTE: EYES: MODERATE TO SEVERE  
IRRITATION. SKIN: MILD IRRITATION OR DRYING ON PROLONGED OR REPEATED  
CONTACT. INHALATION: NOSE OR THROAT IRRITATION, HEADACHE, NAUSEA AND  
DIZZINESS. SEVERE OVEREXPOSURE MAY LEAD TO DISORIENTATION, WEAKNESS AND  
COLLAPSE WITH DROP IN BLOOD PRESSURE. INGESTION: MOUTH AND STOMACH  
IRRITATION ACCOMPANIED BY BURNING PAIN, NAUSEA, VOMITING AND DIARRHEA.  
CHRONIC: NONE LISTED BY MANUFACTURER.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: ISOLYSER CO INC  
Label Street: 4320 INTERNATIONAL BLVD  
Label City: NORCROSS  
Label State: GA  
Label Zip Code: 30093  
Label Country: US  
Label Emergency Number: 404-381-7566;800-424-9300 (CHEMTREC)