SAFETY DATA SHEETS

This SDS packet was issued with item: 074762506

N/A



PCN(s): UD030

MATERIAL SAFETY DATA SHEET ULTRADOSE GENERAL PURPOSE CLEANER

Publication Date: 8/17/11

REV: H

| 577 F1 G4 4 D O D 407 | Product Information | For emergencies involving a spill, leak, | | |
|--|---|---|-------------------------|--|
| 577 Elm Street, P.O. Box 607 | Call: 201-991-5330 www.lrultrasonics.com | fire or accident contact: CHEMTREC - 800-424-9300 | | |
| Kearny, NJ 07032 - 0607 USA | www.nutrasonics.com | within the United States or (01) 703-527-3887 [USA] for International collect calls | | |
| | | | | |
| 2. HAZARDS IDENTIFICATION | | | | |
| | hite dusty powder with little or no odd | r. | | |
| A: Warning Statement: Good industrial hygiene pra | ctices should be used when handling t | his material | | |
| | rritation, redness and possible tearing. | nis natoria. | | |
| | contact causes redness, and drying of | | | |
| | concentrations of vapors or mists may of | | | |
| B: POTENTIAL HEALTH EFFE | on to the digestive tract and mucous m | embranes. | | |
| | | by IARC, NTP, ACGIH or OSHA as probable or | | |
| suspected human carcinogens. | | | | |
| 3. COMPOSITION/INFORMATIC | NI ON INCOEDIENTS | | | |
| Component | ON ON INGREDIEN IS CAS Num | ber Percentage | | |
| Sodium Phosphate Tr | | | | |
| Sodium Bicarbonate | 144-55- | | | |
| Borax | 1303-96 | 5-4 1 -10 | | |
| Sodium Silicate Disoc | | | | |
| Dodecybenzene Sulfo | nate, Sodium Salt 25155-3 | 30-0 1 - 10 | | |
| 4. FIRST AID MEASURES | | | | |
| | | am of water for at least 15 minutes. Seek medical | attention. | |
| Skin Exposure: Wash thoroughly | with water. If irritation or redness | develops, seek medical attention. | | |
| | | | | |
| Inhalation: If respiratory irritatio | | fresh air. Seek medical attention if respiratory irrit | tation or dis | |
| Inhalation: If respiratory irritatio continues. | n or distress occurs, move victim to | fresh air. Seek medical attention if respiratory irrit | tation or dis | |
| Inhalation: If respiratory irritatio continues. Ingestion: Seek immediate medic | n or distress occurs, move victim to cal attention. DO NOT INDUCE VC | fresh air. Seek medical attention if respiratory irrit MITING. Give large quantities of water. | | |
| Inhalation: If respiratory irritatio continues. Ingestion: Seek immediate medic | n or distress occurs, move victim to cal attention. DO NOT INDUCE VC | fresh air. Seek medical attention if respiratory irrit | | |
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| Inhalation: If respiratory irritatio continues. Ingestion: Seek immediate medic MEDICAL CONDITIONS POS 5. FIRE FIGHTING MEASURES FIRE HAZARD DATA: Non-O Suitable Extinguishing Media: I | n or distress occurs, move victim to cal attention. DO NOT INDUCE VC SIBLY AGGRAVATED BY EXF Combustible Extinguish surrounding area with dry | fresh air. Seek medical attention if respiratory irrit MITING. Give large quantities of water. | | |
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Obtained by Global Safety Management, Inc. www.globalsafetynet.com (Tel: 1-813-435-5161)

| | PROPERTIES |
|--|--|
| Physical State: Dusty Powder | Color: White Odor: little to no odor. |
| pH: 10.4 (1% Solution in water) Water Solubility: Soluble | Specific Gravity: Not availableOdor Threshold: Not availableMelting Point Range: Not availableEvaporation Rate: Not available |
| Freezing Point Range: Not applicable | Boiling Point: Not Established. Partition Coefficient; n-octanol / water: Not availa |
| Vapor Pressure: Not established | Vapor Density: Not established Decomposition Temperature: Not available |
| Flash Point: None Method: Tag Closed C Flammability limits (vol/vol %): Lower: | |
| | than 1% by volume V.O.C. (calculated): Less than 5 grams / 1. |
| | |
| 10. STABILITY AND REACTIVIT Chemical Stability: Stable | ГҮ |
| Conditions to be avoided: Prote | ect from Moisture |
| Materials/Chemicals to be avoid | |
| Decomposition Type: Thermal Possibility of Hazardous React | l Oxides of carbon, hydrogen and sulfur tions: WILL NOT OCCUR |
| | |
| 11. TOXICOLOGICAL INFORM Acute Eye Irritation: Irritating | to eyes. |
| Acute Skin Irritation: May cau | |
| Acute Dermal Toxicity: No test Acute Respiratory Irritation: N | |
| | y cause nose and throat irritation. |
| Acute Oral Toxicity: | |
| LD50 (rat) = Sodium Bicarbon | |
| | lbenzene sulfonate LD50 = 2320 mg /kg. Sodium Silicate Disodium Salt =1153 mg / kg. |
| | ate Tribasic LDLo Rabbit intraveneous 1580 mg / kg. |
| | ected human carcinogen. No additional test data was found for this product. |
| | |
| 13. DISPOSAL CONSIDERATIO This product can be disposed in | NS sanitary sewer system, with dilution, where permitted by local, federal and state regulations. |
| This product can be disposed in a 14. TRANSPORTATION INFOR | sanitary sewer system, with dilution, where permitted by local, federal and state regulations. |
| This product can be disposed in a 14. TRANSPORTATION INFORM Not classified as hazardous. | sanitary sewer system, with dilution, where permitted by local, federal and state regulations. MATION Do not stack cartons more than five high. |
| This product can be disposed in a 14. TRANSPORTATION INFORM Not classified as hazardous. 15. REGULATORY INFORM | sanitary sewer system, with dilution, where permitted by local, federal and state regulations. MATION Do not stack cartons more than five high. ATION |
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SAFETY DATA SHEET

| 1. Identification o Substance and Manufacturer: ULTRADOSE GENERAL PRUPOSE CLEANER PCN UD030 |
|--|
| Use: Ultrasonic Cleaning Solution, diluted as instructions Manufacturer: L&R Manufacturing Company, 577 Elm Street, P.O. Box 607 Kearny NJ 07032-0607 USA Publication Date: 05/07/2018 Rev: K |
| For emergencies involving a spill, leak fire or accident contact CHEMTEL 800-255-3924 within the United States. Or 1-813-248-0585 for International calls. |
| 2. HAZARDS IDENTIFICATION |
| |
| WARNING! IRRITANT. HARMFUL IF SWALLOWED. |
| A: Warning Statement: |
| Good industrial hygiene practices should be used when handling this material. Acute Eyes: Direct contact causes irritation, redness and possible tearing. |
| Acute Eyes: Direct contact causes inflation, redness and possible tearing. Acute Skin: Prolonged or repeated contact causes redness, and drying of the skin. |
| Acute Inhalation: Breathing high concentrations of vapors or mists may cause irritation to the nose and throat. |
| Acute Ingestion: Will cause irritation to the digestive tract and mucous membranes. |
| B: POTENTIAL HEALTH EFFECTS: Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or |
| suspected human carcinogens. |
| 3. COMPOSITION/INFORMATION ON INGREDIENTS |
| Component CAS Number Percentage |
| Sodium Phosphate Tribasic7758-29-460-70Sodium Bicarbonate144-55-810-20 |
| Borax 1303-96-4 1-10 |
| Sodium Silicate Disodium Salt6834-92-01 -10 |
| Dodecybenzene Sulfonate, Sodium Salt $25155-30-0$ $1-10$ The exact concentration of composition has been withheld as a trade secret. |
| 4. FIRST AID MEASURES |
| Eye Exposure: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention. Skin Exposure: Wash thoroughly with water. If irritation or redness develops, seek medical attention. Inhalation: If respiratory irritation or distress occurs, move victim to fresh air. Seek medical attention if respiratory irritation or distress continues. Ingestion: Seek immediate medical attention. DO NOT INDUCE VOMITING. Give large quantities of water. MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Skin contact may aggravate existing skin disease. |
| 5. FIRE FIGHTING MEASURES |
| FIRE HAZARD DATA: Non-Combustible |
| Suitable Extinguishing Media: Extinguish surrounding area with dry chemical, CO ₂ or a BC/ABC extinguisher. Special Fire Fighting Procedures: None known |
| Unusual Fire and Explosion Hazards: Closed containers may burst due to build up of pressure when exposed to extreme heat. |
| Hazardous Decomposition Materials: under fire conditions) none known |
| 6. ACCIDENTAL RELEASE MEASURES: Cleanup and Disposal of Spill: Sweep up powder, avoid breathing dust. Residual powder may be washed with water. Dispose of in accord with Federal, State and Local regulations. Environmental and Regulatory Reporting: Not required |
| 7. HANDLING AND STORAGE |
| Minimum/Maximum Storage Temperatures: 32 to 100 ⁰ F. Keep Dry HANDLING: AVOID CONTACT WITH SKIN, EYES OR CLOTHING |
| 8. EXPOSURE CONTROL/PERSONAL PROTECTION General: These recommendations provide general guidance for handling of this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. When developing safe handling procedures, do not overlook the need to clean and dispose of the material. Waste resulting from the use of this product should be handled in accordance with Section 13: Disposal Considerations. Exposure Guidelines: Exposure limits are recommended worker breathing limits. The following limits apply to this material: INGREDIENTS INGREDIENTS INGREDIENTS INTERDICTION INTERDICTION |
| Sodium Phosphate Tribasic OEL-AUSTRALIA: TWA 5 mg/m3 Sodium Bicarbonate: OLE-Australia TWA 0.1 ppm (.3 mg/m3) Borax OSHA 8-hour TWA of 10 mg/m³ Sodium Silicate Disodium Salt OSHA 15 mg/m3 TWA |
| Sodium Dodecylbenzene Sulfonate (for Dodecyl benznesulfonic Acid) TWA 1 mg/m3 from ACGIH (TLV) Engineering Controls: Normal room ventilation. |

| 9. PHYSICAL AND CHEMICAL F | | ld be taken when worki | |
|---|---|--|--|
| Physical State: Dusty Powder pH: 10.4 (1% Solution in water) Water Solubility: Soluble Freezing Point Range: Not applicable Vapor Pressure: Not established Flash Point: None Method: Tag Closed Cu Flammability limits (vol/vol %): Lower: N Percent volatile by volume: Less than 1% by | No Data Upper: No Data | t available Ou Not available E ablished. Pa ablished Do erature: Not available V | Odor: little to no odor. dor Threshold: Not available Evaporation Rate: Not available artition Coefficient; n-octanol / water: Not av ecomposition Temperature: Not available Viscosity: Not applicable – solid |
| 10. STABILITY AND REACTIVIT | Y | | |
| Chemical Stability: Stable Conditions to be avoided: Protec Materials/Chemicals to be avoid Decomposition Type: Thermal (Possibility of Hazardous Reaction | ded: Strong oxidizing agents. Oxides of carbon, hydrogen and | 1 sulfur | |
| | to eyes. se irritation to Skin. data found for product. To test data found for product. a cause nose and throat irritation. hate = 3120 mg/ kg . benzene Sulfonate = 2320 mg te Tribasic = 7400 mg / kg . does not contain any substances | Borax = g/kg. Sodium | |
| 12. ECOLOGICAL INFORMATIO | | | |
| Ecotoxicological Information: N 13. DISPOSAL CONSIDERATION | | | |
| | | tion, where permitted b | by local, federal and state regulations. |
| 14. TRANSPORTATION INFORM Not classified as hazardous. | | than five high. | |
| 15. REGULATORY INFORMA Inventory Issues: All componen listings | | 1 the U.S. TSCA, Can | adian DSL, European EINECS/ELINS ch |
| 16. OTHER INFORMATION National Fire Protection As | ssociation | | |
| Hazard Rating, NFPA | Health Flammabi 2 0 | ility Reactivity 0 | Special |
| 13 FT \$7 | SDS CH DATE | | ON OF CHANGE |
| REV K | <u>DATE</u> 05/07/2018 | DESCRIPTIC Change in Eme | |
| Disclaimer: The information herein been prepared by L&R Manufactur | | t no warranty expi | ressed or implied is made. This SDS |