

SUNBOW DC-16 BLEACH

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUNBOW DC-16

DATE: JUNE 7, 1994

*****SECTION 1 - PRODUCT IDENTITY AND SOURCE*****

CHEMICAL DESCRIPTION: SUNBOW DC-16 BLEACH

SUPPLIERS NAME: SUNBOW TECHNOLOGIES, INC.

ADDRESS: 1237 W. WALNUT, COMPTON, CA. 90220

TO ORDER: 310-886-3783

EMERGENCY NUMBER:

CHEMICAL FAMILY: Mixture

FORMULA: Proprietary

*****SECTION 2- COMPOSITION AND INGREDIENT INFORMATION*****

REPORTING REQUIRED BY TITLE III SEC 313 OR 40 CFR 372 (*)

CAS#	MATERIAL OR COMPONENT	%	EXPOSURE LIMIT VALUES		OTHER/REMARKS
			TLV*	TWA	
87-90-1	TRICHLORO-S-TRIAZINETRIONE	<20%			INGREDIENT PRODUCT
2893-78-9	*ABOVE CHEMICAL, ANHYDROUS, SOURCE OF CHLORINE				NOT ESTABLISHED
					0.5 ppm, STEL 1 ppm

NO COMPONENTS ARE LISTED IN "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 1993-1994" FROM AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) EXCEPT AS ABOVE.

*****SECTION 3 - HAZARDS IDENTIFICATION*****
- EMERGENCY OVERVIEW

Oxidizing material: can cause corrosive burns on short term contact with powder or solution.

HMIS RATINGS: ACUTE HEALTH 1 FIRE 0 REACTIVITY 1 OTHER NA
HAZARD RATINGS: LEAST:0, SLIGHT:1, MODERATE:2, HIGH:3, EXTREME:4

THRESHOLD LIMIT VALUE: Not established on product.

EFFECTS OF CHRONIC OVER EXPOSURE: None known.

IMMEDIATE EFFECTS OF CONTACT:

INHALATION: Dust and mists can cause damage to mucous membranes and is expected to be the primary route of exposure.

SKIN: Can cause severe irritation turning into corrosion of skin if not promptly removed.

EYES: May result in corrosion to the eyes. Dust or vapors may cause irritation or tearing.

INGESTION: not a likely source of exposure, but can cause severe burns to mucous membranes of mouth, throat, esophagus and/or stomach.

REPRODUCTIVE IMPLICATIONS: .X..None

INGREDIENT ON CANCER LISTS: .X..NONEOSHA.....NTP.....IARC

*****SECTION 4 - FIRST AID MEASURES*****
EMERGENCY AND FIRST AID PROCEDURE:

SKIN: Wash exposed skin with soap and water until gone. Remove affected clothes, brush off powder and wash clothes before reuse.

EYES: Flush with water for at least 15 min. Seek medical attention.

INHALATION: If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

INGESTION: Dilute by giving large amounts of water or milk. Get medical attention. Induce vomiting if large amount has been ingested and patient is conscious.

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*****SECTION 5 - FIRE AND EXPLOSION INFORMATION*****

FIRE EXTINGUISHING MEDIA: Fire fighters should wear full protective clothing and self contained breathing apparatus. Do not let the fire burn. Flood with copious amounts of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product wet or damp should be not be repackaged, but rather used at once or neutralized to a non-oxidizing state for safe disposal. Bulging containers should be vented and any fumes avoided. Use or dispose immediately. Small amounts of water amounts of water will react to form hazardous amounts of NCl_3 . Decomposes at 225-230°C yielding chlorine-containing gases and phosgene.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear full protective clothing and self contained breathing apparatus. Using a 10% solution of sodium carbonate, thoroughly decontaminate fire fighting equipment including wearing apparel after the incident.

FLASH POINT (CLOSED CUP): NONE

EXPLOSIVE LIMITS: NONE

HAZARDOUS COMBUSTION PRODUCTS BESIDES CO & CO₂: chlorine compounds, NCl_3
AUTO IGNITION TEMPERATURE: NA

*****SECTION - 6 ACCIDENTAL RELEASE MEASURES*****

SMALL/LARGE SPILL: Vacuum or mop up as much as possible for use. Cleanup of spills may require personal protective equipment to prevent dust exposures and protect against alkali burns. See Sec 8.

Small amounts may be flushed to drain with water. Comply with federal, state and local regulations on reporting spills.

*****SECTION 7 - HANDLING AND STORAGE*****

Avoid creating dust or aerosol. Maintain good housekeeping practices. Store in a manner and location to avoid contact with easily oxidized organic material, ammonia, urea, or similar nitrogen-containing compounds, inorganic reducing agents, calcium hypochlorite, alkalis.

*****SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION*****

RESPIRATORY PROTECTION: None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for protection from nuisance dusts.

VENTILATION: A well ventilated work environment is recommended. Local exhaust as needed to prevent dust or aerosol generation.

PROTECTIVE GLOVES: Impermeable gloves such as rubber, PVC or neoprene.

EYE PROTECTION: Safety glasses or goggles should be worn if there is possibility of eye contact.

OTHER: Water source and safety shower/eyewash should be located close to where the material is handled.

*****SECTION 11 - TOXICOLOGICAL INFORMATION*****
LD/50, LC/50 for oral, dermal or inhalation routes of administration.:
No information on product available. See SECTION 2 for components.

*****SECTION 12 - ECOLOGICAL INFORMATION*****
ECOTOXICICOLOGICAL / CHEMICAL FATE INFORMATION:
No information on product available.

*****SECTION 13 - DISPOSAL CONSIDERATIONS*****
Product as provided does not meet the criteria for hazardous waste as defined by EPA under RCRA. Dispose in accordance with federal, state and local regulations for the liquid absorbed, if any.

*****SECTION 14 - TRANSPORT INFORMATION*****
NOT REGULATED BY U.S.A. DOT.
PROPER SHIPPING NAME, HAZARD CLASS, UN/NA NUMBER, PACKAGING GROUP
LABELS REQ'D: NOT APPLICABLE
QUALIFIES FOR "CONSUMER COMMODITY" ORM-D: NOT APPLICABLE
REPORTABLE QUANTITY INFORMATION: not possible in non-bulk packaging.

*****SECTION 15 - REGULATORY INFORMATION*****
Product does not contain nor was it made with ozone-depleting chemicals.
Product does not contain any California Prop 65 materials.

U.S. FEDERAL REGULATIONS:
TSCA STATUS: Ingredients on Toxic Substances Control Act Inventory.

CERCLA REPORTABLE QUANTITY: None or not possible in non-bulk containers.

SARA TITLE III:
Section 302 Extremely Hazardous Substances: NONE
Section 311/312 Hazardous Categories: NONE
Section 313 Toxic Chemicals: NONE

RCRA STATUS: not regulated

*****SECTION 16 - OTHER INFORMATION*****
PRODUCT USE: This an industrial strength product.
KEEP AWAY FROM CHILDREN.

PREPARED BY : R. N. MILLER

DATE: NOV 7, 1994

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