

MATERIAL SAFETY DATA SHEET

Product Name: RAINBOW SAFE BLEACH

APAC SALES CORPORATION

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: RAINBOW SAFE BLEACH

Emergency phone: Chemtrec: 800-424-9300

Product Information: 508-583-8066

Company: APAC SALES CORPORATION
355 BODWELL STREET
AVON, MA 02322

Date Prepared: 12-15-05

Supersedes: NEW

Prepared by: JAS

2. COMPOSITION/INFORMATION ON INGREDIENTS

Typical Component	CAS No.	Exposure Limits	% by Weight
1. Sodium Sesquicarbonate	533-96-0	N/A	30 - 40
2. Sodium Perborate	10486-00-7	N/A	15 - 25
3. Sodium Chloride	7647-14-5	N/A	30 - 40

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: Airborne dust may be irritating to eyes, nose, throat and lungs. Harmful if swallowed. Avoid taking internally. Wash thoroughly after handling.

EFFECTS of OVEREXPOSURE:

CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

EYES: Will cause transient eye irritation

SKIN: Repeated or prolonged contact could cause skin irritation.

INHALATION: Inhalation of dust and/or fumes could cause irritation of the mucous membranes.

INGESTION: Can result in severe gastric irritation, nausea, vomiting, and pain.

CHRONIC EFFECTS and MEDICAL CONDITIONS: The effects of long-term, low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposure. This product may aggravate existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

SKIN: Immediately flush with water. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: Remove to fresh air. Flush mouth and nasal passages with water. Get medical attention.

INGESTION: If swallowed, give several glasses of water. Do not induce vomiting. If vomiting does occur, give fluids again and keep head below hips to help prevent aspiration. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: None Test: Tag N/A
Explosive Limits: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Will not burn. Use procedures which are appropriate to surrounding fire. NFPA fire hazard rating = 0
SPECIAL PROCEDURES & UNUSUAL HAZARDS: Alkaline material. Minimize splashing. Slippery underfoot when wet.
FIREFIGHTING INSTRUCTIONS: Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

6. ACCIDENTAL RELEASE MEASURES

Shovel up spills at once and immediately remove to a clean container outside of the building. DO NOT MIX WITH TRASH OR OTHER CHEMICALS. Use large quantities of water to dissolve remaining residues and small spills and discharge to sewer.

7. HANDLING AND STORAGE

Handle according to good manufacturing and warehousing practices. Avoid causing release of dust into the air. Keep containers tightly closed when not in use. Use good personal hygiene practices. Wash hand before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Store only in tightly closed containers away from heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Avoid contact with airborne dust. Wear chemical-resistant safety goggles if necessary. Contact lenses must not be worn.

PROTECTIVE GLOVES: Depending on conditions of use, protective gloves should be worn when handling this product. This equipment should be cleaned thoroughly after each use.

RESPIRATORY PROTECTION: No occupational exposure standards have been developed for this material. Where exposure through inhalation may occur from use NIOSH/MSHA approved respiratory protection equipment is recommended.

VENTILATION: Ventilation is required in case of dust conditions. Either local exhaust or general room ventilation is usually adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White, granular solid

BOILING POINT: Solid

FREEZE/MELT POINT: N/A

VAPOR PRESSURE (mm): N/A

VAPOR DENSITY (air=1): N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: 15%

SPECIFIC GRAVITY: 2

DENSITY: Bulk equivalent to water.

pH(1% aqueous solution): 10.0

ODOR: Mild

ODOR THRESHOLD (ppm): Not determined.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE

INCOMPATIBILITY: Avoid storage with flammable or combustible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce free oxygen in sufficient concentrations to contribute to fire intensity.

HAZARDOUS POLYMERIZATION: None

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11. TOXICOLOGICAL INFORMATION

No LD50 or LC50 found for oral, dermal or inhalation routes of administration.

12. ECOLOGICAL INFORMATION

Do not discharge to streams, ponds, or waterways. Surfactant components are biodegradable.

13. DISPOSAL CONSIDERATIONS

RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261. Dispose in accordance with all applicable federal, state and local regulations.

14. TRANSPORT INFORMATION

SHIPPING NAME: Cleaning Compound, solid
HAZARD CLASS: Not regulated as HAZMAT
ID#: N/A
PACKING GROUP: N/A
LABEL: N/A

15. REGULATORY INFORMATION

This material does not contain nor was it manufactured using ozone-depleting chemicals.

U.S. FEDERAL REGULATIONS:

TSCA STATUS: All ingredients on Toxic Substance Control Act Inventory.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

Section 302 Extremely Hazardous Substances:	None.
Section 311/312 Hazardous Categories:	Immediate (Acute)
Section 313 Toxic Chemicals:	None.

16. OTHER INFORMATION

All label precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse this container unless it is professionally cleaned and reconditioned.

REFERENCES:

- U.S. Dept. of Health and Human Services, NIOSH: Registry of Toxic Effects of Chemical Substances, 1985-86 Edition.
- Sax, N. Irving and Lewis, R.J.: Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold Co., 1989.
- Lewis, R.J.: Hawley's Condensed Chemical Dictionary, 12th Edition, Van Nostrand Reinhold Co., 1993.
- U.S. Dept. of Transportation, U.S. Coast Guard: CHRIS Hazardous Chemical Data, 1982.
- U.S. Dept. of Labor, OSHA: Air Contaminants - Permissible Exposure Limits, 1989.
- National Fire Protection Association (NFPA): Fire Protection Guide on Hazardous Materials (NFPA 325M/49/491M/704), 9th Edition, 1986.
- National Fire Protection Association (NFPA): Hazardous Materials Response Handbook, Henry, M.F., Editor, 1989.
- Merck & Co., Inc.: The Merck Index, 11th Edition, 1989.

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