

UNITED 354



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 354 CARPET SHAMPOO CONCENTRATE

USE/DESCRIPTION
 For Steam and Extractor Type Shampoos and Rotary Shampoo Machines

REVISION DATE
 September 18, 2008

HEALTH (0 = Maximum Safety)

2

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

REACTIVITY (0 = Maximum Safety)

0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
 2 Violent chemical change possible-use hose stream from distance
 1 Unstable if heated-use precaution.
 0 Normally stable.

FLAMMABILITY (0 = Maximum Safety)

0

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated
 3 Ignites at normal temperature. to burn.
 2 Ignites when moderately heated. 0 Will not burn.

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Alkyl polyglucoside	132778-08-6	1-10	NE	NE	NE	NE
Sodium Metasilicate	6834-92-0	1-5	NE	NE	847 mg/kg (Rat/oral)	NE

3. HAZARDS IDENTIFICATION

Eyes: May cause severe irritation, burns and destruction of tissue. May cause permanent damage and loss of vision.

Skin: May cause irritation and burns upon prolonged contact.

Inhalation: May cause coughing and irritation of nose, throat and mucous membranes.

Ingestion: May cause serious damage to the mouth, esophagus, stomach and other contacted tissues. May be fatal.

4. FIRST AID MEASURES

Eyes: Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Call a physician or poison center immediately.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, call a physician or poison control center.

Inhalation: Remove patient to fresh air. Apply CPR if needed. If irritation persists, call a physician or poison center.

Ingestion: DO NOT induce vomiting. Drink cold water or milk to dilute the product. Never give anything by mouth to an unconscious person. Call a physician or poison center immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): N/A

Hazardous Products of Combustion: When ignited or strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide and oxides of phosphorous.

Fire and Explosion Hazards: In the presence of extreme heat (as in a fire), product may react with active metals (eg. Aluminum, zinc, tin, etc.) to release flammable hydrogen gas.

Extinguishing Media: Water fog, Water spray, Dry chemical, Alcohol foam, Carbon dioxide.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: If this material is released or spilled, flush up to one gallon of product with water to the nearest sewer to drain.

Large Spills: For larger quantities, provide adequate ventilation. Dike spill and collect on suitable absorbent. Place in corrosion resistant container for disposal.

7. HANDLING AND STORAGE

Keep in a properly labeled, tightly closed container and store in a cool, dry well-ventilated area. Use adequate ventilation. Store away from incompatible materials. Avoid contact with skin and eyes. Avoid breathing mists. Do not let containers freeze as they may split or rupture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved self-contained breathing apparatus.

Engineering Controls: Provide adequate ventilation. Local exhaust is generally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >212°F/>100°C **Specific Gravity:** 1.105 (H₂O=1) **Vapor Pressure:** ~17.5 mm Hg (at 77°F/25°C)

Melting Point: ~32°F/~0°C **Vapor Density:** ~ 1.0 **Evaporation Rate:** ~1.0 **Solubility in Water:** Complete **pH:** 13-14

Appearance and Odor: Colorless liquid with little scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When ignited or strongly heated, as in a fire, this product may produce carbon dioxide, carbon monoxide, and oxides of phosphorous.

Chemical Stability: Stable

Incompatibility: Strong acids and oxidizers. In the presence of extreme heat (as in a fire), product may react with aluminum and other active metals, such as zinc and tin to release flammable hydrogen gas.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC(Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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