



turtle wax, inc.
5655 West 73rd St.
Chicago, Illinois 60638-6211

Material Safety Data Sheet

EMERGENCY SPILL PHONE: 1 (800) 424-9300 (CHEMTREC)

MSDS No: HP-12(C)

EMERGENCY MEDICAL PHONE: Contact your local poison control center

PRODUCT INFORMATION PHONE: 1 (708) 563-3600

NFPA Hazard Ratings: Health 3, Flammability 1, Reactivity 0
HMIS Hazard Ratings: Health 3, Flammability 1, Reactivity 0, Protection D

Prepared By: Research and Development, Phone: 1 (708) 563-3600
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1 - MATERIAL IDENTIFICATION

PRODUCT NAME: HYPER CONCENTRATE FOAMING PRE-SOAK, HP-12(C)

Chemical Family: Water solution: alkalies, detergents, solvents, additives.

Material Use or Occurrence: Detergent cleanser.

Product Identification No.: UN(3266) Canada

2 - IMPORTANT INGREDIENTS

CHEMICAL NAME (Synonyms)	CAS No.	PERCENT	PEL/TLV/TWA		CARCINOGEN (OSHA,NPT,IARC)
			OSHA	ACGIH	
Tetrasodium ethylene- diamine tetraacetate (Na ₄ EDTA)	64-02-8	7-9%	None	None	No
Sodium Hydroxide (Caustic Soda)	1310-73-2	3-5%	2mg/m ³	2mg/m ³	No
2-Butoxyethanol (Butyl Cellosolve)	111-76-2	8-12%	25 ppm(skin)	25 ppm(skin)	No

3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: n/av

Specific Gravity: 1.138

Solubility In Water: complete

Evaporation Rate: n/av

Coefficient of Oil/Water Distribution: n/av

Appearance and Odor: Fluorescent Yellow Liquid. Odor: Citrus

Melting Point: n/av

Vapor Pressure: n/av

Vapor Density (Air=1): n/av

% Non-volatile: 36.0%

pH: 13.0+

4 - FIRE AND EXPLOSION DATA

Flash Point (Cl. Cup): > 200°F (93°C)

Explosive Limits: Lower: n/av

Upper: n/av

Extinguishing Media: Water, carbon dioxide, foams, dry chemical

Special Fire Fighting Procedures and Hazards: Protect personnel from corrosive alkaline solution, even when diluted. Avoid flow of contaminated fire waters to storm sewers.

5 - REACTIVITY INFORMATION

Stable: X Unstable:

Precautions: None

Hazardous Polymerization Occurs:

Does Not Occur: X

Incompatibility: Strong acids cause heat and possible spattering.

Hazardous Decomposition Product: If dried and burned: CO₂, CO, NO_x, SO₂, Hydrocarbons.

1-2812-64-4

6 - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AIDInhalation:

- Mist or spray of concentrated product can cause corrosive damage to nose, throat, and lungs. No chronic effects known.
- Respiratory - as required to prevent inhalation of concentrated product if misted.
- Remove to fresh air. Use artificial respiration and oxygen if needed.

Skin:

- Corrosive. Concentrated product can cause skin burns, and effects may be delayed. Excessive skin exposure to vapors at over 25 ppm in air may cause dizziness, nausea, and blood harm. No chronic effects known.
- Wear alkali resistant gloves, boots, clothing, and/or head covering as needed to prevent exposure to concentrated product.
- Immediately remove contaminated clothing. Immediately wash affected areas thoroughly with soap and water. Wash contaminated clothes separately from other clothes and avoid contact with wash water. Discard any footwear that cannot be decontaminated.

Eyes:

- Causes eye burns and potential blindness. No chronic effects known.
- Wear splash proof goggles.
- Flush with water for 15 minutes. Get prompt medical attention.

Ingestion:

- Can cause burns in mouth, throat, and stomach. No chronic effects known.
- Avoid swallowing. Wear face shield if face contact with concentrated product is possible.
- Rinse mouth. Do not induce vomiting. If conscious, drink large amounts of water and milk, followed by citrus juice or dilute vinegar. Get prompt medical attention.

**IN ALL CASES: GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.
KEEP OUT OF REACH OF CHILDREN.**

Most likely routes of entry: Skin, Eyes

7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Avoid contact with skin and eyes. If material is neutralized with dilute acid, flush down sewer. Otherwise, take up small spills with absorbent; dike around large spills and pump liquid to recovery containers. Avoid flow of un-neutralized material into sewers. Floors may be slippery. RQ sodium hydroxide = 1000 lb. (50,000 lb. of product). See Section 6 for other protective measures.

Storage and Handling: Keep away from acids. Avoid contact with reactive metals (see Section 5 above). Have water hose convenient. Keep containers closed. Always pour product slowly into water when diluting.

Waste Disposal: In accordance with applicable local, state, and federal regulations. Is a RCRA hazardous waste (D002- Corrosive).

Empty Containers: Rinse thoroughly before handling, reuse, disposal, or recycling. Handle wash water as described above under "Spills and Leaks".

8 - REGULATORY INFORMATION

DOT(HM-181) USA & Int'l: Class and Label - 8, Corrosive
Shipping Name - Corrosive Liquid,Basic,Inorganic,n.o.s.,
(Sodium Hydroxide),8,UN3266,PGII - RQ.

For inner containers of 38.4 oz. or less each, not shipped by air, and for USA only:

Class and Label: None

Shipping description: None required (May use "Limited Quantity").

SARA Title III: Reportable for Section 313(Form R): Glycol ether (2-butoxyethanol), (8-12%)

TSCA INVENTORY: All ingredients are commercially available and presumed to be listed by manufacturer.

CALIFORNIA PROP. 65: No listed substances are known to be present.

NEW JERSEY LABEL INGREDIENTS: Sodium-a-olefin sulfonate (CAS # 68513-49-5), 2-butoxyethanol (CAS # 111-76-2), Tetrasodium ethylenediaminetetraacetate (CAS # 64-02-8), Sodium xylene sulfonate (CAS # 1300-72-7), Sodium hydroxide (CAS # 1310-73-2)

CANADA EPA DSL INVENTORY: Consult Turtle Wax, Inc. regarding status of ingredients.

EEC SIXTH AMENDMENT INVENTORY: Consult Turtle Wax, Inc. regarding status of ingredients.

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