
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

LIQUID X-HAIR**MSDS ID: 00326**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LIQUID X-HAIR

Product Code: 00326

Product Function: LIQUID HOG SCALD

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
POTASSIUM HYDROXIDE (1310-58-3)	<25	TLV C2 PEL 2 PPM

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER FOR 15 MINUTES, GET MEDICAL ATTENTION

Skin: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.

Ingestion: IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: N/A IN NORMAL OPERATION

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: NONE KNOWN

Extinguishing Media: CO2, FOAM, DRY CHEMICALS, WATER

Fire Fighting Instructions: WEAR PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FOR LARGE AND SMALL SPILLS ABSORB ON SUITABLE MATERIAL. RETURN MATERIAL TO PROCESS WHENEVER POSSIBLE. DISPOSE OF IN ACCORDANCE TO ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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7. HANDLING AND STORAGE

KEEP FROM FREEZING. KEEP CONTAINER CLOSED. IF FROZEN, THAW AND MIX TO MAKE USABLE. DO NOT PRESSURE CONTAINER TO EMPTY.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: GOGGLES OR FACE SHIELD.
Protective Gloves: RUBBER OR NEOPRENE.
Respiratory Protection: NONE
Other Protective Clothing/Equipment: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR BROWN LIQUID; MILD ODOR
Boiling Point (F): 280 Freezing Point: Not Determined
Specific Gravity: 1.2100 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 82 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: FLAMMABLE LIQUIDS, ACTIVE METALS
ORGANIC HALOGEN COMPOUNDS STRONG ACID
CAUSE VIOLENT REACTIONS
Hazardous Decomposition Products: CO WITH INCOMPLETE COMBUSTION
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CORROSIVE TO EYES AND SKIN. MIST MAY BE CORROSIVE TO RESPIRATORY TRACT.

Chronic: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN DRYNESS.
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN, EYES

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

NORMAL; NO PHOSPHATES USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.

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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

CARCINOGENICITY:

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 1
Personal Protective Equipment: D

State Right-to-Know Information:

WATER - CAS #7732-18-5

POTASSIUM HYDROXIDE - CAS #1310-58-3

SODIUM DODECYL BENZENE SULFONATE - CAS #25155-30-0

5(6)-CARBOXY-4-HEXYL-2-CYCLO-HEXENE-1-OCTANOIC ACID -

CAS #53980-88-4

POTASSIUM FATTY ACID

POTASSIUM DODECYL BENZENE SULFONATE

16. OTHER INFORMATION

DISCLAIMER: The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.