

MATERIAL SAFETY DATA SHEET

PETRA HYGIENIC SYSTEMS

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IDENTITY: BODY REVIVE HAIR SPRAY - BR 800

COMMON NAME: HAIR SPRAY

EMERGENCY ASSISTANCE: (800) 463-2516

DATE: JANUARY 19, 2010

**** THIS IS NOT A CONTROLLED PRODUCT****

1) HAZARDOUS COMPONENTS

<u>(Specific Chemical Identity, Common Name(s))</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>%(Optional)</u>
Denatured Alcohol	400PPM	400PPM		
Dionized Water	N/A	N/A		
PVP/VA Copolymer	N/A	N/A		
Amino Methyl Propanol	N/A	N/A		
Dimethicone	N/A	N/A		
Lauryl Dimethyl Benzyl Ammonium Chloride	N/A	N/A		
Botanical Extracts	N/A	N/A		
Fragrance	N/A	N/A		

2) PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	180°F	Specific Gravity (H2O=1)	0.79 @ 25°C
Vapour Pressure	33 @ 68°F (MM HG)	Melting Point	127°F
Vapour Density	2.1 (Air=1)	Evaporating Rate (Butyl Acetate = 1)	1.4
Solubility In Water	Complete		
Appearance & Odour	Hazy liquid with strong alcohol odour & a green apple fragrance.		

3) FIRE & EXPLOSION HAZARD DATA

FLAMMABLE LIQUID

Flash Point (Method Used) 53°F (TCC) Flammable Limits LEL - 2 UEL - 12

Extinguishing Media Use water fog. "Alcohol" foam, dry chemical or CO2.

Special Fire Fighting Procedures: **** WARNING FLAMMABLE ****. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including helmet with shield, coats, gloves, boots & positive breathing apparatus.

Unusual Fire & Explosion Hazards: Containers exposed to intense heat should be cooled off with water to prevent vapour pressure build up, which could result in container rupture.

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4) REACTIVITY DATA

Stability: Stable X
Unstable

Conditions to Avoid: Avoid heat, sparks, flame & contact with strong oxidising agents.

Incompatibility (Materials to Avoid): Do not store or handle in aluminium equipment at temperatures above 120°F.

Hazardous Decomposition or By-products: Carbon Monoxide & unidentified organic compounds may be formed in combustion.

Hazardous Polymerisation: May Occur
Will Not Occur X

Conditions to Avoid: None

5) HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Minimal Skin? Yes Ingestion? Minimal

Health Hazards (Acute & Chronic): Liver effects have been reported in humans inhaling hair spray containing PVP. Lung effects were also reported.

Carcinogenicity: None NTP? N/A IARC Monographs? OSHA Regulated? NO

Signs & Symptoms of Exposure: Eye & skin contact may cause irritation, ingestion may cause adverse health effects. Inhalation may cause irritation of the respiratory tract.

Medical Conditions (generally aggravated by exposure) N/A

Emergency & First Aid Procedures: Eyes: Flush with flowing water for at least 15 minutes & consult physician. Skin: Wash thoroughly with soap & water, rinsing well with water for 15 minutes.

6) PRECAUTIONS FOR SAFE HANDLING & USE

Steps to Be Taken in Case Material is Released or Spilled: **Liquid is FLAMMABLE** - extreme caution with regards to open flames, sparks & electricity. Flush with lots of water. Observe local & federal regulations. Spills are slippery. Clean up immediately.

Handling & Storage: Store in cool, dry place away from heat & open flame or sparks. Have a fire extinguisher readily available in case of fire. **DO NOT SMOKE WHILE HANDLING THIS PRODUCT.**

Waste Disposal Method: Dilute with lots of water & flush down sanitary sewers or absorb with inert materials & dispose. Observe local & federal regulations.

Other Precautions: Do not handle in aluminium containers at temperatures above 120°.

7) CONTROL MEASURES

Respiratory Protection (Specify Type): N/A

Ventilation: Local Exhaust Yes Special: N/A
Mechanical (General) No Other: N/A
Protective Gloves: None Eye Protection: None

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Wash with soap & water before eating, drinking, smoking or using toilet. Launder contaminated clothing before re-use.

All information, recommendations & suggestions appearing herein concerning our product are based upon tests & data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, & suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by PHS International Ltd., as to the effects of such use, the results to be obtained, or the safety and toxicity of the product. Nor does PHS International Ltd. assume any liability arising out of the use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information is necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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