SAFETY DATA SHEET Recovery Oral Rinse

SECTION 1 - IDENTIFICATION AND COMPANY DETAILS

Product Name: Recovery Oral Rinse
Product Code(s):
Product Use(s): Cosmetic
Manufacturers Name: Recovery, Inc.
Address: 7410 Coca Cola Drive,
Unit 102
Hanover, MD 21076
Telephone Number: 410-712-0145
Fax Number:
Emergency Number:
Date Prepared: July 8, 2015

SECTION 2 – HAZARD(S) IDENTIFICATION

Eye Contact None, not hazardous. Non irritating to eyes
Skin Contact None, not hazardous. Non irritating to skin
Ingestion None, not hazardous. No hazard is expected
Inhalation None, not hazardous. No hazard is expected
Other Health Effects: None

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients in formula:		LD50	LC50
INCI Name	C.A.S. #	ROUTE SPECIES	ROUTE SPECIES
Aqua (Can) Water (US)	7732-18-5	Not Available	Not Available
Propanediol	504-63-2	Oral rat 15 000mg/kg Dermal rat >20 000mg/kg	Rats Inhalation 4 hour >50mg/L
Magnesium Chloride Hexahydrate	7791-18-6	Oral rat 8100mg/kg Oral mouse 7600mg/kg	Not Available
Potassium Chloride	7447-40-7	Not Available	Not Available
Water of crystallization	7732-18-5	Not Available	Not Available
Sodium Benzoate	532-32-1	Oral rat 2700mg/kg Oral rabbit 2000mg/kg	Not Available
Remaining components are non-hazardous and/or in amounts below reportable limits			

SECTION 4 - FIRST AID MEASURES

General Information: Not expected to be a health hazard when used under normal conditions
Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call physician
Ingestion: If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin contact: Flush skin with water after contact. Wash contaminated clothing before reuse.

Note to Physicians: Use supportive measures as needed.

SECTION 5 - FIRE-FIGHTING MEASURES

General Fire Hazards	This material will burn. It is not an explosion hazard
Extinguishing Media	Water, form, dry chemical, CO2, Water spray
Fire Fighting Equipment / Instructions	Exposure to decomposition products may be a hazard to health. Evacuate personnel to safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Avoid breathing vapor. Use water spray to knock down vapor.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Environmental Precautionary Measures	Dike spill. Prevent material from entering sewers, waterways, or low areas.
Containment Procedures	Ventilate area and wash spill site after material pickup is complete.
Clean Up Procedures	Soak up with sawdust, sand, oil dry or other absorbent material.

SECTION 7 - HANDLING AND STORAGE

Handling Avoid breathing vapors or mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Keep container tightly closed. Keep away from heat, sparks and flames. Store in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

Propanediol (504-63-2)	TWA	5mg/m^3, 8-12hour
Magnesium Chloride Hexahydrate (779-18-6)	ACGIH-TLV UK(WEL)-TWA MAK(TRGS 900)	Not Determined Not Determined Not Determined
Potassium Chloride (7747-40-7)	ACGIH-TLV UK(WEL)-TWA MAK(TRGS 900)	Not Determined Not Determined Not Determined
Water of Crystallization (7732-18-5)	ACGIH-TLV UK(WEL)-TWA MAK(TRGS 900)	Not Determined Not Determined Not Determined

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Keep container tightly closed. Keep away from heat and open flame. Store in a cool dry place.

Personal Protection Equipment

Eyes Wear safety glasses with side shields

Skin Where there is potential for skin contact have available, and wear as appropriate, impervious

gloves, apron, pants, and jacket.

Respiratory Where there is potential for airborne exposure, wear appropriate NIOSH approved respiratory protection.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Clear
Odour:	Characteristic odour.
Odour Threshold:	Not available
Specific Gravity (H2O=1)	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Evaporation Rate:	Not available
Boiling Point:	Not available
Melting Point:	Not available
Freezing Point	Not available
pH:	Not available
Coefficient of Water/oil distribution	Not available

SECTION 10 – STABILITY AND REACTIVITY DATA

Chemical Stability:	Stable at normal temperatures and storage conditions
Incompatibility: (materials to avoid)	Incompatible or can react with strong oxidizers, strong acids.
Hazardous Decomposition or By-products:	Hazardous decomposition products are not expected to form during normal storage.
Hazardous polymerization:	Polymerization is not expected to occur under normal storage conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Animal Data:
Information given is based on test data for a similar product. (1, 3-Propanediol)

Propanediol is not an eye irritant, is a slight skin irritant, and is not a skin sensitizer. Repeat exposure to rats by oral gavage caused no toxicologically changes in clinical pathology, pathology (including a

sperm analysis), or in-life measurements. The NOEL for this study was 1000mg/kg/day the highest dose tested. Repeat inhalation exposure in rats caused no toxicologically important changes in clinical pathology, pathology or in-life measurements. The NOEL was 1800mg/m^3.

1, 3-Propanediol is not uniquely toxic to the fetus. Information about reproductive toxicity potential is limited to information from the oral repeated dose study in rats. The absence of effects to sperm and

reproductive organs in an oral repeat-dose study in rats suggests low reproductive toxicity potential. 1, 3-Propanediol is not likely to be a genetic toxin. In vitro, it was not mutagenic in bacterial or mammalian cells. An increase chromosome aberrations was observed in mammalian cells under certain conditions, but a repeat study was negative for all test conditions. 1, 3-propanediol was also negative in the in vivo mouse micronucleus assay. No animal data are available to define the carcinogenic potential.

Human Data
Information based on test data on Zemea™ propanediol.

Propanediol was not a dermal irritant or sensitizer at test concentrations as high as 75% in a 207-person human skin patch test.

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic toxicity: low toxicity-48hr EC50-Daphnia magna: 7417mg/L
-73hr EC50-algae: 1600mg/L
-96hr LC50-fathead minnow: >9720mg/l
Mobility: dissolves in water
Persistence/degradability: readily biodegradable
Bioaccumulation: low potential to bioaccumulate

SECTION 13 - DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14 - TRANSPORT INFORMATION

Not regulated as a hazardous material by DOT, IMO, or IATA.

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: TSCA Inventory Status: Listed

SECTION 16 - OTHER INFORMATION

Prepared by:

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