

MATERIAL SAFETY DATA SHEET

YOU® Switzerland Cool Ice Hand Refreshing Gel

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: YOU Cool Ice Hand Refreshing Gel

PRODUCT TYPE: Cleansing gel for hands

APPLICATIONS: Hand Care

EMERGENCY 24-HOUR PHONE NO. CHEM-TEL

In United States 1-800-255-3924

Outside United States (CALL COLLECT) 1-813-248-0585

SUPPLIER:

BACKSCRATCHERS SALON SYSTEMS, INC.

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Elk Grove, CA 95624

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Avenue de Tervueren 300

B-1150 Brussels, BELGIUM

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INCI INGREDIENT NAME</u> | <u>CAS NO.</u> | <u>CONTENTS</u> | <u>HEALTH(CLASS)</u> | <u>RISK (R NO.)</u> |
|--------------------------------|----------------|-----------------|----------------------|---------------------|
| Ethanol | 64-17-5 | 50-65% | | R-11 |
| Aqua | N/A | >35% | | |
| PEG-40 Hydrogenated Castor Oil | 61788-85-0 | >35% | | |
| EDTA Disodium | 6381-92-6 | >35% | | |
| Menthol | 89-78-1 | >35% | | |
| Parfum | N/A | >35% | | |
| Carbomer | 54182-57-9 | >35% | | |
| Aminomethyl Propanol | 13552-21-1 | >35% | | |
| CI 42051 (Patent Blue 5) | N/A | >35% | | |

3. HAZARDS IDENTIFICATION

HMIS: Health - 2

Flammability - 3

Chemical Reactivity - 0

4. FIRST AID MEASURES

INHALATION: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

SKIN: Get medical attention if irritation develops.

INGESTION: May cause stomach upset. If large amounts were swallowed, give water to drink and get medical advice.

5. FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:

FOR SMALL FIRES: Use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

FOR LARGE FIRES: use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water.

SPECIAL MEASURES: Avoid vapor inhalation. Keep away from sources of ignition.

PROTECTIVE FIRE EQUIPMENT: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

UNSUITABLE EXTINGUISHING MEDIA:

OTHER: Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Contain and recover liquid when possible. Collect in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer!

WASTE DISPOSAL METHOD: Dispose in accordance with state, local and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS - HANDLING: Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling.

PRECAUTIONS - STORAGE: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Protect from freezing. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Keep away from ignition sources and naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>ACGIH</u> | <u>NIOSH</u> | <u>OSHA – Final PELs</u> |
|-------------------|----------------|-----------------|---|---|
| Ethanol | 64-17-5 | 1000 ppm TWA | 1000 ppm TWA; 1900 mg/m ³ TWA; 3300 ppm IDLH | 1000 ppm TWA; 1900 mg/m ³ TWA |

ENGINEERING CONTROLS: Use explosion-proof ventilation equipment. Facilities storing or using material containing ethanol should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

PERSONAL PROTECTION:

SKIN PROTECTION: Wear appropriate protective gloves to prevent skin exposure.

EYE PROTECTION: Wear protective goggles or face mask.

BODY PROTECTION: Wear appropriate protective gloves to prevent skin exposure.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions require a respirator's use.

VENTILATION: Not expected to require any special ventilation during normal use of product.

GENERAL PROTECTIVE MEASURES: N/DA

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Transparent gel

COLOR/ODOR: Light blue/perfumed

BOILING POINT: 172° F/78° C

MELTING POINT: N/A

WATER SOLUBILITY: Miscible

FLASH POINT: 57° F/14° C (closed cup)

EXPLOSION LIMITS: 3.3% - 19.0%

AUTO IGNITION TEMP: 685.4° F /363° C

VISCOSITY: 30'000mPa*s

REFRACTIVE INDEX [68° F/20° C]: N/DA

ACID NO. [mgKOH/g]: N/DA

PH VALUE: N/DA

VAPOR PRESSURE: 1.59

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperatures and pressures.

SUBSTANCES TO BE AVOIDED: Strong oxidizing agents, peroxides, acids, acid chlorides, acid anhydrides, alkali metals, ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

HAZARDOUS POLYMERIZATION: None

11. TOXICOLOGY INFORMATION

| <u>Component</u> | <u>Type</u> | <u>Value</u> | <u>Species</u> |
|------------------|-------------|-------------------------------|----------------|
| Ethanol | Oral | LD50 7060 mg kg ⁻¹ | Rat |
| | Inhalation | LD50 7060 mg kg ⁻¹ | Rat |
| | Oral | LD50 3450 mg kg ⁻¹ | Mouse |
| | Oral | LDLO 2000 mg kg ⁻¹ | Child |
| | | | |

ROUTE(S) OF ENTRY:

INGESTION: Can cause irritation.

EYES: Causes eye irritation.

INHALATION: N/DA

SKIN: N/DA

HEALTH HAZARDS OF ETHANOL:

HUMAN EXPERIENCE:

Epidemiology: Ethanol has been shown to produce fetotoxicity in the embryo or fetus of laboratory animals. Prenatal exposure to ethanol is associated with a distinct pattern of congenital malformations that have collectively been termed "fetal alcohol syndrome."

Teratogenicity: Oral, Human – woman: TDLo = 41 gm/kg (female 41 weeks after conception)

Effects on Newborn – Apgar score (human only) and Effects on Newborn – other neonatal measures or effects and Effects on Newborn – drug dependence.

Reproductive Effects: Intrauterine, Human – woman: TDLo – 200 mg/kg (female 5 days pre-mating)

Fertility – female fertility index.

Mutagenicity: DNA Inhibition: Human, Lymphocyte – 220 mmol/L; Cytogenetic Analysis: Human, Lymphocyte + 1160 gm/L; Cytogenetic Analysis: Human, Fibroblast = 12000 ppm; Cytogenetic Analysis: Human, Leukocyte = 1 pph/72H (Continuous); Sister Chromatid Exchange: Human, Lymphocyte = 5000 ppm/72H (Continuous).

Additional toxicological information:

CARCINOGENICITY: Not listed by ACGIH, IARC, NTP or CA Prop 65.

12. ECOLOGICAL INFORMATION

Biodegradability: N/DA

Fish toxicity: N/DA

Algae toxicity: N/DA

General: Prevent surface contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Avoid disposing to drainage systems and into the environment. Seek expert advice. Dispose in accordance with state, local and federal regulations.

Product: N/DA

Uncleaned packaging: N/DA

EC Waste key: N/DA

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Ethanol

UN NUMBER: 1170

AIR TRANSPORT CLASS: Consumer commodity

ID 8000 Class 9

AIR SUB CLASS: 3

OCEAN TRANSPORT CLASS: 3

OCEAN PACKING GROUP: 11

15. REGULATORY INFORMATION

RISK PHRASES:

R-11 Highly flammable

R-36 Irritating to eyes

SAFETY PHRASES:

S-7 Keep container tightly closed

S-9 Keep container in well-ventilated place.

S-16 Keep away from fire. Do not smoke.

S-25 Avoid contact with eyes.

CAS # 64-17-5 can be found on the following state right-to-know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

WARNING: This product contains Ethanol, a chemical known to the state of California to cause developmental reproductive toxicity.

WATER HAZARD CLASS: Unknown

EMPLOYMENT LIMITATIONS: N/A

16. OTHER INFORMATION

GUIDANCE NOTES: The data contained herein is based upon information that Backscratchers believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of other products, the information contained within this MSDS may not be applicable.

REVISION COMMENTS:

DATE: 8/10/06