



MSDS

Ivy-Dry Cream

PRODUCT NAME: Ivy-Dry Cream

1. PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 11/16/2016
SUPERCEDES: None
SYNONYMS: None

Ivy Corporation
299-B Fairfield Avenue - Fairfield - NJ 07004 - 1-800-443-8856

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS or CHEMICAL NAME	CAS #
Propylene Glycol	57-55-6
Water	7732-18-5
Benzyl Alcohol	100-51-6
Menthol	89-78-1
Camphor	76-22-2
Cetyl Alcohol	36653-82-4

3. HAZARDS IDENTIFICATION

OSHA Hazard Classification: Eye irritant

Routes of Entry: Inhalation, skin, eyes, ingestion
Chemical Interactions: No known interactions
Medical Conditions Aggravated: No data available

Human Threshold Response Data

Odor Threshold: Not established
Irritation Threshold: Not established

Hazardous Materials Identification System/National Fire Protection Association Classifications

<u>Hazard Ratings:</u>	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
HMIS	2	0	0
NFPA	Not established		

Immediate (Acute) Health Effects

Inhalation Toxicity: Not expected to be toxic by inhalation.
Inhalation Irritation: Not a respiratory irritant.
Skin Contact: Skin contact may cause minor irritation consisting of transient redness and/or swelling.
Skin Absorption: Not expected to be absorbed through the skin.
Eye Contact: Contact may cause moderate irritation consisting of transient redness, swelling, and mucous membrane discharge to the conjunctiva. No corneal involvement or visual impairment is expected.
Ingestion Irritation: Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea.
Ingestion Toxicity: Not expected to be toxic by ingestion.

Acute Target Organ Toxicity: None known

Prolonged (Chronic) Health Effects

Carcinogenicity:	This product is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP or EPA.
Reproductive and Developmental Toxicity:	Not known or reported to cause reproductive or developmental toxicity.
Sensitization:	This material is not known or reported to be a skin or respiratory sensitizer.
Inhalation:	There are no known or reported effects from chronic exposure except for effects similar to those experienced from acute exposure.
Skin Contact:	There are no known or reported effects from chronic exposure except for effects (if any) similar to those experienced from acute exposure.
Ingestion:	There are no known or reported effects from chronic ingestion except for effects similar to those experienced from single exposure.
Chronic Target Organ Toxicity:	There are no known or reported effects to humans from repeated exposure to this product.
Supplemental Health Hazard Information:	No additional health information available.

4. FIRST AID MEASURES

Inhalation:	IF INHALED: Remove individual to fresh air.
Skin Contact:	IF ON SKIN: Flush skin with water for 15 minutes. Call a physician if irritation develops.
Eyes:	IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart. Call a physician immediately.
Ingestion:	IF SWALLOWED: Immediately drink water to dilute. Consult a physician if symptoms develop. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flammability Summary (OSHA):	Product is not known to be flammable, combustible, pyrophoric or explosive.
------------------------------	---

Flammable Properties

Flash Point:	Not applicable
Autoignition Temperature:	None

Fire/Explosion Hazards:	Material will not ignite or burn.
Extinguishing Media:	Not Applicable. - Choose extinguishing media suitable for surrounding materials.
Fire Fighting Instructions:	In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers.
Hazardous Combustion Products:	Carbon monoxide, Carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

Personal Protection for Emergency Situations:	Additional protective clothing must be worn to prevent personal contact with this material. Those items include but are not limited to boots, impervious gloves, hard hat, splash-proof goggles, impervious clothing, i.e., chemically impermeable suit, self-contained breathing apparatus.
---	--

Spill Mitigation Procedures

Air Release:	Not applicable
Water Release:	This material is soluble in water. Retain all contaminated water for removal and treatment. Notify all downstream users of possible contamination.
Land Release:	Create a dike or trench to contain materials. Absorb spill with inert material (e.g., dry sand, clay, earth or commercial absorbent), then place in a chemical waste container. Contain all contaminated water for disposal and/or treatment. Do not place spill materials back in their original containers.

Additional Spill Information: Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Section 13, Disposal Consideration.

7. HANDLING AND STORAGE

Handling: Do not take internally. Avoid contact with eyes.
Storage: Store in a cool, dry and well ventilated place. Isolate from incompatible materials.
Shelf Life Limitations: Shelf Life is 3 years from date of manufacture (located on the C of A) in an unopened container. Once material is opened, material should be tested to confirm in spec.
Incompatible Materials for Storage: Refer to Section 10, "Incompatible Materials."

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

Protective Equipment for Routine Use of Product

Respiratory Protection: If dusting or misting occurs, wear a NIOSH approved respirator.
Respirator Type(s): Not normally required.
Skin: Wear impermeable gloves.
Eyes: Use safety glasses with side shields.
Protective Clothing Type: Impervious

Exposure Limit Data

CHEMICAL NAME	CAS #	OSHA PEL / STEL	ACGIH LIMITS	AIHA WEEL
1,2-Propylene glycol	57-55-6	None established	None established	50 ppm TWA (total); 10 mg/m ³ TWA (aerosol only)
Benzyl alcohol	100-51-6	None established	None established	10 ppm TWA; 44.2 mg/m ³ TWA
Camphor, synthetic	76-22-2	2 mg/m ³ TWA	3 ppm STEL 2 ppm TWA	Not Established

CHEMICAL NAME NIOSH Immediately Dangerous to Life or Health:
Camphor (synthetic) 200 mg/m³ IDLH

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Cream
Odor: Mild characteristic
Molecular Weight: Not Applicable/Mixture
pH: Not applicable
Octanol/Water Coeff: No data
Solubility in Water: Dispersible
Specific Gravity: g/cc: Not determined
Vapor Density: Not applicable
Vapor Pressure: Not applicable
Evaporation Rate: No data
Boiling Point: °C: >100C; >212F
Freezing Point: No data
HAP Content % w/w / lbs/gal: 0.00 / 0.00

10. STABILITY AND REACTIVITY

Stability and Reactivity Summary: Stable under normal conditions. Not sensitive to mechanical shock.
Reactive Properties: Not sensitive to mechanical shock., Not sensitive to static discharge.
Hazardous Polymerization: Will not occur
Conditions to Avoid: High temperatures

Chemical Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: carbon dioxide, carbon monoxide
Decomposition Temperature: No data

11. TOXICOLOGICAL INFORMATION

Component Animal Toxicology - No animal testing is performed.

Oral LD50 value:
1,2 Propanediol Oral LD50: Rat > 5 g/kg
Dermal LD50 value:
1,2 Propanediol Dermal LD50 Rabbit > 2 g/kg
Inhalation LC50 value: No data

Product Animal Toxicity: No animal testing is performed.

Oral LD50 value: Believed to be > 5.0 g/kg; practically non-toxic
Dermal LD50 value: Believed to be > 2.0 g/kg; practically non-toxic
Skin Irritation: Not expected to be irritating to the skin.
Eye Irritation: This material is expected to be moderately irritating.

Reproductive and Developmental Toxicity: Not known or reported to cause reproductive or developmental toxicity.

Component Data:
1,2 Propanediol This chemical has been tested in laboratory animals and no evidence of teratogenicity, embryotoxicity or fetotoxicity was seen.

Mutagenicity: Not known or reported to be mutagenic.

Component Data:
1,2 Propanediol This material has been shown not to be mutagenic based on a battery of assays.

Carcinogenicity: This chemical is not known or reported to be carcinogenic by any reference source including IARC, OSHA, NTP, or EPA.

Component Data:
1,2 Propanediol The carcinogenicity has been evaluated through animal study and it was found not to be carcinogenic.

12. ECOLOGICAL INFORMATION

Ecological Toxicity Values:

1,2 Propanediol Goldfish 24 hr. LC50: > 5000 mg/l (measured, static).
Rainbow trout (Salmo gairdneri) Lethal Dose (24 hr. exposure) > 50000 mg/l (nominal, static).
Brine shrimp 24 hr. LC50: > 10000 mg/l (nominal, static).
Daphnia magna, 48 hr. EC50: > 10000 mg/l (nominal, static).

13. DISPOSAL CONSIDERATIONS

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

Waste Disposal Summary: If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.

Potential US EPA Waste Codes: Not applicable

Disposal Methods: As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations by incineration.

Components subject to land ban restrictions: No components subject to land ban restrictions.

14. TRANSPORT INFORMATION

THIS MATERIAL IS NOT REGULATED AS A DOT HAZARDOUS MATERIAL.

DOT Description (49 CFR 172.101):

Land (U.S. DOT): Not Regulated
Air (IATA/ICAO): Not Regulated
Water (IMO): Not Regulated

15. REGULATORY INFORMATION

UNITED STATES:

Toxic Substances Control Act (TSCA): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

Superfund Amendments and Reauthorization Act (SARA) Title III:

Hazard Categories Sections 311/312 (40 CFR 370.2):

Health: Acute
Physical: None

Emergency Planning & Community Right to Know (40 CFR 355, App. A):

Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:

Not applicable

Reportable Quantity (40 CFR 302.4):

None listed

Supplier Notification Requirements (40 CFR 372.45), 313 Reportable Components

No 313-listed chemicals in this product

Clean Air Act Socmi:

Propylene glycol, Benzyl alcohol

Clean Air Act VOC Section 111

Propylene glycol, Benzyl alcohol

State Right-to-Know Regulations Status of Ingredients

Pennsylvania: 1,2-Propanediol, Benzyl alcohol, Camphor

New Jersey: Camphor

Massachusetts: Benzyl alcohol, Camphor

16. OTHER INFORMATION

MSDS REVISION STATUS: First issue.

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS MSDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. IVY CORP. MAKES NO WARRANTY.