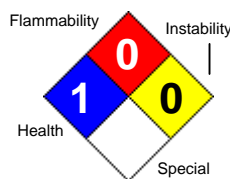


Nustraw Hat Cleaner



Printed: 01/22/2009
 Revision: 01/05/2009
 Supersedes Revision: 04/04/2000
 Date Created: 04/04/2000

1. Product and Company Identification

Product Code: 710-1343-NS
Product Name: Nustraw Hat Cleaner
Manufacturer Information
Company Name: Bickmore / Interex
 240 Metty Drive Suite B
 Ann Arbor, MI 48103
Phone Number: (734)327-8500
Fax Number: (734)327-8600
Emergency Contact: Chemtrec (800)424-9300
Chemical Family: Aqueous Cleaning Compound
CAS Number: mixture
Synonyms
 60999696B

2. Composition/Information on Ingredients

| Hazardous Components (Chemical Name) | CAS # | Concentration | OSHA PEL | ACGIH TLV | Other Limits |
|--------------------------------------|------------|---------------|-----------|------------|--------------|
| 1. Isopropyl alcohol | 67-63-0 | 1.0 -5.0 % | 400 ppm | 400 ppm | 500 ppm-STEL |
| 2. Polyethylene glycol | 25322-68-3 | 1.0 -5.0 % | NO DATA | NO DATA | NO DATA |
| Hazardous Components (Chemical Name) | RTECS # | OSHA STEL | OSHA CEIL | ACGIH STEL | ACGIH CEIL |
| 1. Isopropyl alcohol | NT8050000 | No data. | No data. | No data. | No data. |
| 2. Polyethylene glycol | TQ3630000 | No data. | No data. | No data. | No data. |

3. Hazards Identification

Emergency Overview

Contains surfactants. Irritating to eyes. Keep out of reach of children.

Route(s) of Entry: Inhalation? No Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

ACUTE HEALTH EFFECTS:

EYES: Can cause eye irritation. Direct eye contact may cause temporary discomfort.

SKIN: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INGESTION: If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Recommended Exposure Limits

See Section II.

LD 50 / LC 50

N/D

Signs and Symptoms Of Exposure

EYES: Direct contact may cause temporary discomfort.

SKIN: May be irritating to skin upon prolonged or repeated contact.

INGESTION: Irritation of the gastrointestinal tract and possible vomiting and diarrhea.

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Medical Conditions Generally Aggravated By Exposure

None known.

OSHA Hazard Classes:

HEALTH HAZARDS : Irritant

PHYSICAL HAZARDS : No Physical Hazards

TARGET ORGANS & EFFECTS: Eyes, Skin, Respiratory System

4. First Aid Measures**Emergency and First Aid Procedures**

EYES: Check for and remove any contact lenses. Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures**Flash Pt:** N.A.**Explosive Limits:** LEL: N/A UEL: N/A**Autoignition Pt:** N.A.**Fire Fighting Instructions**

Material will not burn.

Flammable Properties and Hazards

Material will not burn.

Extinguishing Media

Material will not burn.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures**Steps To Be Taken In Case Material Is Released Or Spilled**

Ventilate area. Avoid breathing vapor. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Keep out of sewers and drains. Avoid contact with skin, eyes, and clothing.

7. Handling and Storage**Hazard Label Information:**

Irritating to eyes Keep out of reach of children.

Precautions To Be Taken in Handling

Avoid contact with eyes. Keep out of reach of children.

8. Exposure Controls/Personal Protection**Respiratory Equipment (Specify Type)**

Not required under normal consumer use.

Eye Protection

Safety glasses to avoid eye contact.

Protective Gloves

Not required under normal consumer use.

Other Protective Clothing

None should be needed.

Engineering Controls (Ventilation etc.)

No special ventilation requirements.

Work/Hygienic/Maintenance Practices

Wash hands after use. Use good personal hygiene at all times.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: 32.00 F (0.0 C)
Boiling Point: 212.00 F (100.0 C)
Autoignition Pt: N.A.
Flash Pt: N.A.
Explosive Limits: LEL: N/A UEL: N/A
Specific Gravity (Water = 1): .99 at 20.0 C (68.0 F)
Vapor Pressure (vs. Air or mm Hg): NO DATA
Vapor Density (vs. Air = 1): NO DATA
Evaporation Rate (vs Butyl Acetate=1): NO DATA
Solubility in Water: COMPLETE at 20.0 C (68.0 F)
Percent Volatile: 91.0 % by weight.
Saturated Vapor Concentration: NO DATA
Viscosity: AS WATER at 20.0 C (68.0 F)
Corrosion Rate: No data.
pH: 10

Appearance and Odor

Clear colorless liquid with pleasant fragrance.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known.

Incompatibility - Materials To Avoid

Strong oxidizers.

Hazardous Decomposition Or Byproducts

None.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

11. Toxicological Information

No data available.

Carcinogenicity/Other Information

No known carcinogens present.

| Hazardous Components (Chemical Name) | CAS # | NTP | IARC | ACGIH | OSHA |
|--------------------------------------|------------|------|------|-------|------|
| 1. Isopropyl alcohol | 67-63-0 | n.a. | n.a. | A4 | n.a. |
| 2. Polyethylene glycol | 25322-68-3 | n.a. | n.a. | n.a. | n.a. |

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not Regulated.

DOT Hazard Label: None

Additional Transport Information

IATA: Not determined.

IMDG: Not determined.

15. Regulatory Information

US EPA SARA Title III

| Hazardous Components (Chemical Name) | CAS # | Sec.302 (EHS) | Sec.304 RQ | Sec.313 (TRI) | Sec.110 |
|--------------------------------------|------------|---------------|------------|---------------|---------|
| 1. Isopropyl alcohol | 67-63-0 | No | No | Yes | No |
| 2. Polyethylene glycol | 25322-68-3 | No | No | No | No |

US EPA CAA, CWA, TSCA

| Hazardous Components (Chemical Name) | CAS # | EPA CAA | EPA CWA NPDES | EPA TSCA | CA PROP 65 |
|--------------------------------------|------------|---------|---------------|-----------|------------|
| 1. Isopropyl alcohol | 67-63-0 | No | No | Inventory | No |
| 2. Polyethylene glycol | 25322-68-3 | No | No | Inventory | No |

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

Other Important Lists:

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical
- CAA HAP:** EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC:** EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

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CA PROP 65:

California Proposition 65

International Regulatory Lists:**EPA Hazard Categories:**

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard
 Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

Regulatory Information

Prop 65: No chemicals which currently appear on California's Proposition 65 carcinogen or reproductive hazard lists are known to be present in this product.

SARA Title III, Section 313: See below

New Jersey Right-To-Know: Water, 7732-18-5; Polyethylene Glycol, 25322-68-3; Isopropyl Alcohol, 67-63-0; Ethylene Diamine Tetraacetic Acid, 64-02-8; Ethanol, 64-17-5;

Regulatory Information Statement

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.

16. Other Information

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