

SAFETY DATA SHEET

Section 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name: BM-1300 Antibacterial Emollient Hand Gel

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use(s): Antibacterial emollient hand gel

Details of the supplier of the safety data sheet

Manufacturer: N.A.K.P Foto Inc.
2575 De Miniac
Ville Saint Laurent, Quebec H4S 1E5
Canada

Distributor: B.M. Group Inc.
5890 Monkland Avenue, Suite 16
Montreal Quebec H4A 1G2 Canada

Website: www.nakpfoto.com

Website : <http://www.bmcanada.ca>

Email: paul@nakpfoto.com

Email: info@bmcanada.ca

Tel (514) 932-8057

Tel: (514) 738-5200 Toll Free 1-800-561-9818

Fax (514) 932-8057

Fax: (514) 738-2290

Emergency telephone number

Emergency Contact: **Emergency:** 1-800-463-5060 Poison Control Center in Quebec, Canada

Notes: **CANUTEC:** 613-996-6666

This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous during normal use as per intended-use guidance and directions on label, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.

Section 2. Hazards identification

Classification of the substance or mixture

GHS Classification for mixture:

Specific target organ toxicity - single exposure - Category 3 (Narcotic)
Specific target organ toxicity - single exposure - Category 3 (Respiratory)
Specific target organ toxicity - single exposure - Category 2
Serious eye irritation - Category 2
Flammable Liquids - Category 2

Label elements

Pictograms:



Signal Words:

Danger

Hazard Statements:

Highly flammable liquid and vapour.
 Causes serious eye irritation.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.
 May cause damage to organs. Affected organ(s): Liver, Nerves, Heart.

Precautionary Statements:

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep container tightly closed.
 Keep cool.
 Ground and bond container and receiving equipment.
 Use explosion-proof electrical, lighting, ventilating equipment.
 Use non-sparking tools.
 Take action to prevent static discharges.
 Do not breathe vapors, spray.
 Avoid breathing vapors, spray.
 Wash hands thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Wear eye protection, face protection.

Response

Call a doctor.
 If exposed or concerned: Call a POISON CENTER.
 If skin irritation occurs: Call a POISON CENTER if you feel unwell.
 Call a POISON CENTER, doctor if you feel unwell.
 If eye irritation persists: Get medical attention / advice.
 IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes.
 IF ON SKIN (or hair): Rinse skin with water or shower
 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
 In case of fire: Use Dry chemical, water spray, carbon dioxide or alcohol-resistant foam to extinguish.

Storage

Store in a well-ventilated place.
 Store locked up.

Disposal

Dispose of contents in accordance with all local, regional, national and international regulations.

Section 3. Composition/information on ingredients

Substances

No available data for this section.

Mixtures

Identifiers	Ingredients	Percentage	Classification
64-17-5	Denatured ethanol	65% - 75%	

Section 4. First-Aid Measures

Description of First Aid Measures

In the event of splashes or contact with eyes

Immediately flush with clean, low-pressure water for several minutes. Hold eyelids open to ensure adequate flushing. Immediately seek medical attention.

In the event of splashes or contact with skin

If redness or other symptoms occur, seek medical advice / attention.

In the event of ingestion

Rinse mouth with water. DO NOT INDUCE VOMITING. In case of ingestion of large quantities immediately take the exposed person to hospital. If after ingestion you feel unwell, seek medical advice.

In the event of inhalation

Remove person to fresh air and keep at rest in a position comfortable for breathing. If after inhalation you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

No available data for this section.

Indication of any immediate medical attention and special treatment needed

No available data for this section.

Section 5. Firefighting Measures

Extinguishing media

Suitable Extinguishing Media

For large fires: Water spray. Fog. Alcohol-resistant foam.

For small fires: Dry chemical. Water spray. Carbon dioxide. Alcohol-resistant foam.

Unsuitable Extinguishing Media

Inappropriate media: Straight streams of water.

Water (may be ineffective).

Special hazards arising from the substance or mixture

Specific Hazards Arising from Combustion of Products

Fire / decomposition hazards: Toxic gases.

Combustion Products

Carbon dioxide (CO₂). Carbon monoxide (CO).

Advice for firefighters

Protective Measures for Fire-Fighting

Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Special Protective Actions for Fire-Fighters

Evacuate the people from the area. Move containers from the fire area if it is possible to do so without risk to personnel. Use water spray or fog; do not use straight streams. Use water spray to cool fire-exposed containers. Dike area to prevent runoff and contamination of water sources.

Other Information for Fire Fighters

No available data for this section.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Eliminate all sources of heat and ignition. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

Environmental precautions

Product not qualified as dangerous for the environment.

Methods and material for containment and cleaning up

Absorb with earth, sand, or other non-combustible material.

Reference to other sections

No available data for this section.

Section 7. Handling and Storage

Precautions for safe handling

Wear protective goggles to prevent contact with eyes. No smoking or open flame in storage, use, or handling areas.

Conditions for safe storage, including any incompatibilities

Conditions for Safe Storage

Keep away from: Direct sunlight. Heat. Open flame. Sparks.

Keep container tightly closed. Store in a cool, well ventilated area.

Suitable Packaging

Compatible container / packaging material: Aluminum. Copper. Glass containers. Iron. Nickel. Polyethylene. Polypropylene. Stainless steel 304.

Incompatible Materials

Strong bases. Strong acids. Oxidizing materials.

Specific end use(s)

No available data for this section.

Section 8. Exposure Controls / Personal Protection

Control parameters

Control Parameters / Limits for Product

No available data for this section.

Control Parameters / Limits for Component

Ethanol

OSHA PEL (TWA)	1000 ppm. 1900 mg/m ³ .
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ACGIH STEL (TLV)	1000 ppm. 1880 mg/m ³ .
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Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants (TWA-EV)	1000 ppm. 1880 mg/m ³ .
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Exposure controls

Engineering Measures

In industrial plants or large production areas, ensure eye-wash stations and safety showers are available.

Respiratory Protection

In industrial plants or large production areas, certified self-contained breathing apparatus must be available in case of emergency.

Eye/Face Protection

Wear chemical goggles or face shield. In industrial plants or large production areas, ensure eye-wash stations are available. For use in small settings or offices, a procedure and training for washing eyes in a sink is recommended.

Skin and Body Protection

Wear appropriate chemical resistant clothing.

Hand Protection

Ensure gloves are certified. Wear impermeable gloves.

Hygiene Measures

No available data for this section.

Environmental exposure controls

No available data for this section.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Gel
Appearance	Clear
Odor	Alcohol
Odor threshold	Not available
pH	7 to 7.5
Melting point	Not available
Boiling point	78°C / 172.4°F
Flash Point	25°C / 77°F
Evaporation rate	Not available
Flammability (solid, gaz)	Not applicable
Flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.9 multiplier w/r/t water
Solubility	Soluble
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Relative density w/r/t air	Not available

Other Information

No available data for this section.

Section 10. Chemical Stability & Reactivity Information

Reactivity

Chemical stability: This product is stable under ambient condition.

Chemical Stability

No available data for this section.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid

Keep away from: Heat. Open flame. Direct sunlight. Electrical equipment. Fire. Sparks. Static electricity.

Incompatible Materials

Avoid contact or storage with: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products

Decomposition will Result in Production of: Carbon dioxide (CO₂). Carbon monoxide (CO).

Section 11. Toxicological Information

Information on toxicological effects

Toxicological Information for Product

No available data for this section.

Toxicological Information for Component

Ethanol

LC50 Inhalation - Not Specified	39 g/m ³ (4h), Mouse. 20000 ppmV (10h), Rat.
LD50 Oral	3450 mg/kg Mouse. 6300 mg/kg Rabbit. 7060 to 9000 mg/kg Rat.

Irritation/Corrosion Information for Product

No available data for this section.

Irritation/Corrosion Information for Component

Ethanol

Draize Test - Eye: 500 mg, Rabbit, Severe. 500 mg(24h), Rabbit, Mild.
Draize Test - Skin: 20 mg(24h), Rabbit, Moderate.

Section 12. Ecological Information

Toxicity

Ecotoxicity Values for Product

No available data for this section.

Ecotoxicity Values for Component

Ethanol

EC50	34900 mg/l (5-30min), <i>Phytobacterium phosphoreum</i> .
LC50 Environmental	Greater than 10000 mg/l. 12900 to 15300 mg/l (96h), Rainbow Trout. 11200 mg/l (24h), Rainbow Trout. 9000 mg/l (24h). Greater than 7800 mg/l <i>Daphnia</i> .

Persistence and degradability

No available data for this section.

Bioaccumulative potential**Bioaccumulative Potential for Product**

No available data for this section.

Bioaccumulative Potential for Component

No available data for this section.

Mobility in soil

No available data for this section.

Results of PBT and vPvB assessment

No available data for this section.

Other adverse effects

No available data for this section.

Section 13. Disposal Considerations**Waste treatment methods****Waste Disposal Regulation(s) / Operation**

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. Users need to pay attention to the possible existence of regional or national regulations regarding disposal.

Waste Treatment Methods

No available data for this section.

Section 14. Transportation Information

	ADR	IMDG	IATA	DOT
UN number	No available data for this section.	No available data for this section.	No available data for this section.	UN 1987
UN proper shipping name				Alcohols N.O.S (Ethanol)
Transport hazard class(es)	No available data for this section.	No available data for this section.	No available data for this section.	If < 5L: Limited Quantity If >5L, Class 3 Flammable Liquids
Packing group	No available data for this section.	No available data for this section.	No available data for this section.	III
Environmental hazards	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.

	ADR	IMDG	IATA	DOT
Transport in bulk according to Annex II of Marpol and the IBC Code	No available data for this section.			
Other	If < 5L: Limited Quantity If > 5L: Alcohols N.O.S (Ethanol)			

Section 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, Health and Environmental Regulations for Product

No available data for this section.

Safety, Health and Environmental Regulations for Component

Ethanol

DSL (Canada): Present.

TSCA: Present.

Chemical safety assessment

No available data for this section.

Section 16. Other Information

Other Information

Additional cautions for users: For adult use only. Do not use on broken or damaged skin. Not to be used by pregnant or breastfeeding women.

Disclaimer

The above information is accurate to the best of our knowledge, however since data, safety standards and government regulations change, and the conditions of handling and use or misuse are beyond our control, manufacturer and distributor, above mentioned, make no warranty either expressed or implied with respect to the completeness or continuing accuracy of information herein and disclaims all liability for reliance thereon. Do not use ingredient information and / or ingredient percentages in this SDS as a product specification.

Glossary

ACGIH: American Conference of Governmental Industrial Hygienists.

DOT: Department of Transportation, USA.

EPA: Environmental Protection Agency.

LC 50: Lethal Concentration which is lethal to 50% of the population.

LD 50: Lethal Dose which is lethal to 50% of the population.

OSHA: US Occupational Safety and Health Administration, US Department of Labor.

PEL: Permissible exposure limit. An exposure limit that is published and enforced by OSHA as a legal standard.

TLV: Threshold Limit Value.

TWA: Time Weighted Average.

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