



MATERIAL SAFETY DATA & COMPOSITION SHEET

Product Name: High Impact Isopropyl Alcohol 99%

Company: Natural Cosmetic Labs USA, Inc.

Reference: 1NCL100A/A-019

Issue Date: 10/01/2020

Revision # 00

1. Product and Company Identification

1.1 Product identifier

Product name: High Impact Isopropyl Alcohol 99%

1.2 Details of the supplier of the Safety Data Sheet

Distribution By: NCL USA Inc., 1061 S Melrose, # C, Placentia, CA, 92870.

Ph: (714) 786-8177,

Fax: (714) 666-2999

EMERGENCY TELEPHONE NUMBER: (714) 786-8177

2. Composition / Ingredient Information

2.1 Substance(s)

ACTIVE INGREDIENT INCI NAME	wt%	CAS #
Isopropyl Alcohol	99% Minimum	67-63-0

2.2 Label Information:

ACTIVE INGREDIENT: 99% ISOPROPYL ALCOHOL

DIRECTIONS: SPRAY AND WIPE ON EQUIPMENT AND SURFACES

WARNINGS: FOR SURFACE USE ONLY.

USE ONLY IN WELL-VENTILATED AREAS; FUMES MAY BE HARMFUL.

KEEP OUT OF REACH OF CHILDREN. WILL PRODUCE SERIOUS GASTRIC DISTURBANCES IF TAKEN INTERNALLY. IF ACCIDENTAL INGESTION OCCURS, CONSULT MEDICAL ASSISTANCE OR CALL POISON CONTROL CENTER IMMEDIATELY. CAUSES SERIOUS EYE IRRITATION. **MAY CAUSE DROWSINESS OR DIZZINESS.** PROLONGED USE ON SKIN MAY RESULT IN SEVERE DRYING EFFECT.

CAUTION: DO NOT APPLY TO IRRITATED SKIN. KEEP AWAY FROM EYES OR MUCOUS MEMBRANES. IF WOUND IS DEEP, CONSULT A DOCTOR.

NOTICE: DOES NOT CONTAIN GRAIN OR ETHYL ALCOHOL. NOT A SUBSTITUTE FOR GRAIN OR ETHYL ALCOHOL.

MATERIAL SAFETY DATA & COMPOSITION SHEET



Flash Point 11.7°C (53.1°F)
Melting Point -90°C (-194°F)
Boiling Point 80 – 83°C (176 – 181°F)
Vapor Pressure 4.4 kPa at 20°C (68°F)

Store between 15 – 30°C (59 – 86°F)
Avoid Freezing and Heat
Keep container tightly closed

DANGER! Highly flammable liquid and vapor. Keep away from heat, sparks, electrical, fire or flame. Keep container tightly closed. Use only in well ventilated area, fumes, and may be harmful and cause eye and skin irritation.

IN CASE OF FIRE:

Use foam, Carbon Dioxide and Dry Chemical

FIRST AID:

Seek immediate medical attention, in case of contact with eyes, immediately flush with water for at least 15 minutes. If on skin rinse well with water.

MATERIAL SAFETY DATA & COMPOSITION SHEET

3. HAZARD INFORMATION



3.1 Classification of the substance or mixture

3.2 GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) Specific target organ toxicity. Flammable liquids category 2 Eye Irritation cat 2A Specific target organ toxicity category 3

GHS Label elements, including precautionary statements Pictogram Signal word Danger

Hazard statement(s) Highly flammable liquid and vapor.

In use may form flammable/explosive vapor-air mixture

Cause severe skin irritation even a burn. Cause eye irritation and/or painful chemical burns of the eye and eyelids.

Fumes from this product can cause irritation of the nose, nasal passages and lungs. Causes damage to organs through prolonged or repeated exposure.

Precautionary statement(s) Keep away from heat. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.

NFPA rating (scale 0 – 4)



Health = 2

Fire = 3

Reactivity = 0



HMIS-rating (scale 0 - 4)



Health = 2

Fire = 3

Reactivity = 0

HMIS Long Term Health Hazard Substances

Substances are not listed.

MATERIAL SAFETY DATA & COMPOSITION SHEET

3.3 Other hazards

- Results of PBT and vPvB assessment
- **PBT** : Not applicable
- **vPVB**: Not applicable

4. FIRST AID MEASURES

4.1 Description of first aid measures

- **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Do not leave affected persons unattended.
- **After inhalation:** Remove from contaminated area promptly. Supply fresh air. If required, provide artificial respiration. Consult doctor promptly.
- **After skin contact:** Flush exposed area with lukewarm water for 15 minutes. Consult physician immediately.
- **After eye contact:** Rinse opened eye for 30minutes under running water. Remove contact lenses if worn. Consult physician immediately.
- **After swallowing:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately. Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

4.2 Indication of any immediate medical attention and special treatment needed Remove contaminated clothing immediately. In case of accident by inhalation remove casualty to fresh air and keep at rest. Seek medical treatment when anyone has symptoms apparently due to inhalation, contact with skin or eyes, or swallowing. Adrenaline and similar sympathomimetic drugs should be avoided following exposure as cardiac arrhythmia may result with possible subsequent cardiac arrest. Medical supervision for at least 48 hours.

5. FIREFIGHTING MEASURES

5.1

Extinguishing media:

- Dry chemical, foam, or Carbon Dioxide (CO₂).

Suitable extinguishing agents: Decomposition products may include the following materials: Carbon dioxide, Carbon monoxide

- **For safety reasons unsuitable extinguishing agents:** N/A

5.2

Advice for firefighters

- **Protective equipment:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- **Additional information:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

MATERIAL SAFETY DATA & COMPOSITION SHEET

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures Wear protective equipment Keep unprotected persons away Ensure adequate ventilation
6.2	Environmental precautions: Do not allow to enter sewers/ surface or ground water.
6.3	Methods and material for containment and cleaning up: (Always wear recommended personal protective equipment.) Eliminate all sources if ignition in the vicinity of spill or released vapors. Isolate the spill area. Permit only trained personnel wearing full personal protective equipment to enter the spill area. Terminate the leak immediately, if possible. Collect the spill in a waste container for disposal. Flush the spill area thoroughly with water; wash contaminated equipment thoroughly with water. Flushing's and wash water must be contained and prevented from entering a waterway. Spills of Alcohol should be reported to Federal, State and Local Environmental Agencies, including the National Response Center (800-424-8802).
6.4	Reference to other sections See Section 7 for information on safe handling See Section 8 for more information on personal protection equipment See Section 13 for disposal information



7. HANDLING & STORAGE INFORMATION

7.1	<p>Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.</p> <p>Information about fire - and explosion protection: Alcohol is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, sparks, flame Acids.</p> <p>Store between 15 – 30°C (59 – 86°F) Avoid Freezing and Heat Keep container tightly closed</p>
7.2	<p>Conditions for safe storage, including any incompatibilities</p> <p>Storage:</p> <ul style="list-style-type: none"> • Requirements to be met by storerooms and receptacles: Store in a cool location, away from sources of ignition, heat and oxidizing agents Store only in the original receptacle • Information about storage in one common storage facility: Store in segregated and approved area. Store away from food stuffs <p>Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
7.3	Specific end use(s) No further relevant information available

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	Additional information about design of technical facilities: No further data; see item 7.				
8.2	<p>Control parameters Ingredients with limit values that require monitoring at the workplace:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">Ingredient</th><th style="text-align: left;">Exposure Limits</th></tr> </thead> <tbody> <tr> <td>Isopropyl Alcohol</td><td>N/A</td></tr> </tbody> </table>	Ingredient	Exposure Limits	Isopropyl Alcohol	N/A
Ingredient	Exposure Limits				
Isopropyl Alcohol	N/A				

MATERIAL SAFETY DATA & COMPOSITION SHEET

8.3	<p>Additional information: The lists valid during the marketing were used as basis.</p> <p>Exposure controls</p> <ul style="list-style-type: none"> • Personal protective equipment: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. • Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when high concentrations are present. <ul style="list-style-type: none"> • Protection on hands: Protective gloves  <p>To avoid possible defatting of the skin or tissue damage, it is recommended that rubber or plastic gloves be worn.</p> <p>Material of gloves Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Penetration time of glove material The exact break through time must be found out by the manufacturer of the protective gloves and has to be observed.</p> <ul style="list-style-type: none"> • Not suitable are gloves made of the following materials: Leather gloves • Eye protection: Safety Glasses  <p>When handling this product and there is the possibility of splashing it is recommended that proper protection for the eyes by worn. This consists of goggles and/or face shield Safety glasses with side shields- always protect the eyes.</p> <ul style="list-style-type: none"> • Body protection: When handling chemicals in 55 gallon drums, it is recommended that steel toed rubber boots and a splash apron be worn. Personal protective equipment for the body should be selected based on the task being performed and the risks involve and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. <ul style="list-style-type: none"> • Risk management measures See Section 7 for additional information. No further relevant information available.
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MATERIAL SAFETY DATA & COMPOSITION SHEET

9. PHYSICAL & CHEMICAL PROPERTIES		
9.1 Appearance, Color & Odor:	Liquid colorless, Isopropyl alcohol odor	
9.2 Physical State:	Liquid	
9.3 Boiling Point/Boiling Range	Not measured	
	Flash Point 11.7°C (53.1°F)	
	Melting Point -90°C (-194°F)	
	Boiling Point 80 – 83°C (176 – 181°F)	
	Vapor Pressure 4.4 kPa at 20°C (68°F)	
9.4 Flash Point, Melting Point, Boiling Point and Vapor Pressure Information		
9.5 Specific Gravity (Water = 1)	0.785 – 0.787 gm/mL	
9.6 Purity wt%	>=99.8	
9.7 Solubility in Water	Soluble	

10. STABILITY & REACTIVITY		
10.1 Chemical Stability:	Stable under normal conditions of use	
10.2 Possibility of Hazardous reaction:	No dangerous reaction known under conditions of normal use.	
10.3 Incompatible material:	None known	
10.4 Conditions to Avoid:	Heat, flame, sparks, other heat sources	
10.5 Hazardous decomposition products:	Carbon oxides	

11. Toxicological Information

Information on likely routes of exposure: Inhalation, Eye contact, skin contact exposure

Potential Health Effects

Eye: Causes serious eye irritation

Skin: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

Chronic Exposure: Health injuries are not known or expected under normal use.

Experience with human exposure

Ingestion: Not tested, may be harmful.

Eye Contact: Redness, pain, irritation

Skin contact: No symptoms known or expected

Inhalation: No symptoms known or expected

Sensitization: Skin: Not tested

Toxicity

Acute oral toxicity: Acute toxicity estimate > 5000 mg/kg

Acute inhalation toxicity: No data available

Acute dermal toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

MATERIAL SAFETY DATA & COMPOSITION SHEET

12. Ecological Information

Eco toxicity

Environmental Effects: Harmful to aquatic life.

Product

Toxicity to fish, daphnia, algae and other aquatic invertebrates: no data available

Ingredients

Toxicity to fish: IPA

Persistence and degradability, Bio-accumulative potential, Mobility in soil, and other adverse effects: No data available

13. Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. The product should not be allowed to enter drains, water courses or the soil. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Dispose of wastes in an approved waste disposal facility.

Disposal considerations: Dispose of as unused product; Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. TRANSPORTATION INFORMATION

14.1	Un-Number UN1219
	DOT, ADR , IMDG, IATA
14.2	Proper shipping name Isopropanol
	DOT , ADR, IMDG, IATA
14.3	Transport hazard class(es) 3
	Label Disinfecting Handles
14.4	Packing group II
	DOT, ADR, IMDG, IATA

15. Regulatory Information

OSHA Hazard Communication Standard

EPCRA – Emergency Planning and community right-to-know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard

Acute Health Hazard

SARA 302: **SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

MATERIAL SAFETY DATA & COMPOSITION SHEET

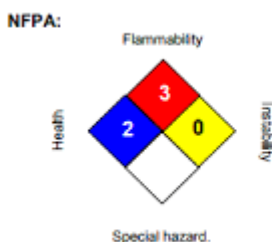
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65: This product does not contain any chemical known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

16.1 Hazardous Material Identification System (HMIS) National Fire Protection Association (NFPA) Ratings:

Health Hazard: 2	Health: 2
Flammability: 3	Flammability: 3
Instability: 0	Instability: 0



HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

16.2 Disclaimer:

Customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's / user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to this product as shipped. Since conditions for use of this product are not under this control of the manufacturer, it the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. Customer is responsible for completing any tests not run and compiling any other data or information which may be required for proper use or shipment, or which may be required by regulation.