



Corporate Headquarters
10 Glenshaw Street, Orangeburg, NY 10962
Tel: 845.365.8200 • Fax: 845.365.8201
Toll-Free: 888.DYNAREX

Reviewed on 9/19/14

SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Alcohol swabsticks
RECOMMENDED USE: Topical Skin Cleanser

Product Codes: AM-20200, 1103-04-06-13-14-16-1203-04

Manufacturer's Name: Dynarex Corporation
Manufacturer's Address: 10 Glenshaw Street
Orangeburg, NY 10962
Emergency or Information Phone No.: 888-DYNAREX or 845-365-8200
At other times, contact the local Poison Control Center

SECTION 2. Hazards Identification

NFPA Ratings

NFPA Code for Flammability - 3
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards - None

HMIS Ratings

HMIS Code for Flammability - 3
HMIS Code for Health - 1
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8

EU Main Hazards



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Highly flammable.

Irritating to eyes.

Vapors may cause drowsiness and dizziness

Routes of Entry

- Absorption - Eye contact - Ingestion - Inhalation - Skin contact

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

- Central Nervous System - Skin - Eye - Liver – Respiratory System

Health Effects - Eyes

Liquid, mist or vapor will cause conjunctival irritation and possibly corneal damage.

Health Effects - Skin

Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Liquid may be absorbed through the skin but not in toxicologically significant amounts, unless the area of contact is large and exposure prolonged.

Health Effects - Ingestion

Swallowing may have the following effects:

- irritation of mouth, throat and digestive tract - central nervous system depression

A large dose may have the following effects:

- dizziness - drowsiness - headache - mental confusion - nerve damage leading to numbness and muscle weakness - fall of blood pressure - liver damage - lung damage

Health Effects - Inhalation

Exposure to vapor may have the following effects:

- irritation of nose, throat and respiratory tract - central nervous system depression

Exposure to vapor at high concentrations may have the following effects:

- dizziness - drowsiness - headache - mental confusion - lung damage - fall of blood pressure - liver damage - nerve damage leading to numbness and muscle weakness

SECTION 3. Composition/information on Ingredients

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Isopropyl alcohol	67-63-0 200-746-9	>60%	R11, R36, R67	F, Xi



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SECTION 4. First-aid measures

Eyes:

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

Immediately flood the skin with large quantities of water, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed or dry-cleaned before re-use. Obtain medical attention if blistering occurs or redness persists.

Ingestion

Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

Inhalation

Remove from exposure. If there is difficulty in breathing, give oxygen. Obtain medical attention immediately.

Advice to Physicians

Monitor for systemic secondary effects on liver and kidney; support and treat.

SECTION 5. Fire-fighting measures

Flash Point – 20°C/68°F

Boiling Point – 80°C/176°F

Extinguishing Media

Use foam, dry chemical or carbon dioxide. Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards

Vapours can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware of possibility of re-ignition.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.



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SECTION 6. Accidental release measures

- Flush spills with water.
- Contain and absorb using soil, sand, or other inert material.
- Vapor can accumulate in low areas. Consider the need for evacuation.
- Prevent the material from entering drains or water courses.

SECTION 7. Handling and storage

- Eliminate all sources of ignition. Store away from heat.
- Store in well ventilated area.
- Handle as flammable liquid. Follow local, state and federal regulations.
- Avoid inhaling vapor. Avoid contact with eyes, skin and clothing.
- Wear eye protection if splashing is expected.
- Wear appropriate protective clothing.
- Use respirator if exposure level is high when handling bulk liquid.
- Keep container tightly closed when not in use.

SECTION 8. Exposure controls/personal protection

Physical State	Non-woven cloth saturated with liquid
Color	Clear
Odor	Alcohol
pH	No data.
Specific Gravity	0.8405
Boiling Range/Point	80°C / 176°F
Melting Point (°C/F)	No data.
Flash Point (PMCC)	20°C / 68°F
Vapor Pressure	No data.
Density	No data.
Solubility in Water	Miscible
Vapor Density (Air = 1)	2.1
Viscosity (cSt)	2.9 cps at 2°C



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- OSHA Occupation Exposure Standards PEL 400ppm (980mg/m3) 8h TWA
- UK EH40: OES 400ppm (980mg/m3) 8h TWA
- UK EH40: OES 500ppm (1225mg/m3) 15min TWA
- ACGIH: TLV 200ppm (980mg/m3) 8h TWA
- ACGIH: STEL 400ppm (1225mg/m3) 15min TWA
- Personal Protective Equipment
 - Gloves
 - Eye
 - Clothing

SECTION 9. Physical and chemical properties

Physical State:	[] Gas , [x] Liquid , [] Solid
Boiling Point:	200°F
Melting Point:	N.A.
Specific Gravity (WATER = 1):	1.15
Vapor Pressure (VS. AIR OR MM HG):	
Vapor Density (VS. AIR = 1):	>1
Evaporation Rate (VS BUTYL ACETATE=1):	<1
Solubility in Water:	100%
Other Solubility Notes:	Soluble
Percent Volatile:	N.A.
pH:	NE
Appearance and Color:	Clear, dark brown detergent, slight halogen odor

SECTION 10. Stability and reactivity

Stability –	Stable under normal conditions
Conditions to Avoid –	None
Incompatibility –	None
Hazardous Decomposition or By-product –	Oxides of carbon
Polymerization –	Will Not Occur.

SECTION 11. Toxicological information

Skin: May cause irritation



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Eyes: May be irritating

Inhalation: None

Ingestion: Harmful

Acute Toxicity

- Low level of acute toxicity predicted.
- May be harmful by skin absorption.
- Oral LD50 (rat) 5045mg/kg.
- Dermal LD50 (rabbit) 12800mg/kg.
- Inhalation LCLO (rat) 1600ppm 4h.

Chronic Toxicity / Carcinogenicity

- Material not expected to cause long-term adverse health effects.
- Material not classifiable as to its carcinogenicity to humans (Group 3).
- Chronic / Sub-chronic studies resulted in adverse effects to:
 - Liver, spleen, biochemical effects, brain tissue degeneration, changes in reflex behavior, sensory nerve damage.

Genealogy Toxicity

- Material is not expected to cause any mutagenic effects.

Reproductive / Developmental Toxicity

- Material is not expected to cause reproductive or developmental health effects.
- Experimental studies in animals have provided some evidence of embryo / fetus toxicity and birth defects only at does producing marked maternal toxicity.

SECTION 12. Ecological information

- Mobility
- If released to soil, IPA is expected to have very high mobility
- Persistence / Degradability
- IPA is readily degraded in aerobic aqueous systems
- Bio-accumulation
- Low potential for bio-concentration in aquatic organisms

Ecotoxicity Components of this product have been identified as having potential environmental



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concerns.

Ecotoxicity - Freshwater Fish Species Data

Alcohol 67-63-0 96 Hr LC50 *Oncorhynchus mykiss*: 12900 mg/L [flow-through] (30 days old); 96 Hr LC50

Pimephales promelas: 14.2 mg/L

Ecotoxicity - Microtox Data

Alcohol 67-63-0 5 Min EC50 *Photobacterium phosphoreum*: 35470 mg/L; 30 min EC50

Photobacterium

phosphoreum: 34634 mg/L

Ecotoxicity - Water Flea Data

Alcohol 67-63-0 48 Hr EC50 *Daphnia magna*: 9268 mg/L; 24 Hr EC50 *Daphnia magna*: 10800 mg/L

Environmental effects Not available

Aquatic toxicity Not available

Persistence / degradability This product is not readily biodegradable.

Bioaccumulation / accumulation Not available

Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

SECTION 13. Disposal considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

- Transfer into suitable containers for recovery or disposal.
- Dispose in accordance with all applicable local and national regulations.
- Do not remove labels from container until the container has been cleaned.
- Do not cut, puncture or weld on or near the container.
- Do not incinerate closed containers.
- Empty containers may contain hazardous residues

SECTION 14. Transport information



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Department of Transportation (DOT):

Basic shipping requirements:

Proper shipping name	Solids containing flammable liquid, n.o.s. (ETHANOL)
Hazard class	4.1
UN number	UN3175
Packing group	II

Additional information:

Special provisions	47, IB6, IP2, T3, TP33
Packaging exceptions	<1Kg-Consumer Commodity ORM-D
ERG number	133

SECTION 15. Regulatory information

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
 CERCLA/SARA Hazardous Substances - Not applicable.

Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200 hazardous chemical
 Yes

CERCLA (Superfund) reportable quantity
 None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance
 No



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Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Alcohol 67-63-0 Present (refers to solutions greater than or equal to 25% which are not beverage alcohols)

U.S. - California - Proposition 65 - Developmental Toxicity

Alcohol 67-63-0 developmental toxicity, initial date 10/1/87 (when in alcoholic beverages)

U.S. - Massachusetts - Right To Know List

Alcohol 67-63-0 Teratogen

U.S. - Minnesota - Hazardous Substance List

Alcohol 67-63-0 Present

U.S. - New Jersey - Right to Know Hazardous Substance List

Alcohol 67-63-0 sn 0844

U.S. - Pennsylvania - RTK (Right to Know) List

Alcohol 67-63-0 Present

U.S. - Rhode Island - Hazardous Substance List

Alcohol 67-63-0 Toxic; Flammable



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SECTION 16. Other information

Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

Additional information:

- EU Label: Classification and labeling have been performed according to EU Directive 67/548/EEC and 99/45/EC including amendments
- EU Hazard Symbol and Indication of Danger
- F – Highly flammable
- Xi – Irritant
- R11 – Highly flammable
- R36 – Irritating to eyes
- R67 – Vapors may cause drowsiness and dizziness
- S2 – Keep out of reach of children
- S7 – Keep container tightly closed
- S16 – Keep away from sources of ignition – No smoking
- S24 / S25 – Avoid contact with skin and eyes
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- US (Federal and State) Regulations and International Chemical Registration Laws TSCA listing
- This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory
- This product does not contain any chemicals subject to EPA Title III of the SARA Listing in Sections 302 and 304
- All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substance (EINECS Listing) or are exempted from listing
- All ingredients in this product are listed on the Canada Domestic Substance List (DSL Listing)