

NEUTRAL CLEANER

Product number: 192001 / 111018



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name NEUTRAL CLEANER
Product number 192001 / 111018
Revision date 18-Oct-2007
Company information Brulin & Company, Inc.
P.O. Box 270
Indianapolis, IN 46206 US
www.Brulin.com
Emergency CHEMTREC 1-800-424-9300
General information Phone: 317-923-3211
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2. Hazards Identification

Emergency overview Health injuries are not known or expected under normal use. This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Potential short term health effects

Eyes Contact with eyes may cause irritation.

Skin Health injuries are not known or expected under normal use. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation Health injuries are not known or expected under normal use. Prolonged inhalation may be harmful.

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

Potential environmental effects This material is not expected to be harmful to aquatic life.

3. Composition / Information on Ingredients

Hazardous component(s)	CAS #	Percent
Isopropyl alcohol	67-63-0	< 2.5

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.

Skin contact Wash off with warm water and soap. Get medical attention if irritation develops or persists.

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flammable properties None known.

Extinguishing media

Suitable extinguishing media Use any media suitable for the surrounding fires.

6. Accidental Release Measures

Personal precautions Do not touch or walk through spilled material.

Methods for containment Stop the flow of material, if this is without risk.

NEUTRAL CLEANER

Product number: 192001 / 111018

Methods for cleaning up

Never return spills in original containers for re-use.

Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

7. Handling and Storage

Handling

Avoid contact with eyes. Handle and open container with care.

Storage

Use care in handling/storage. Keep out of the reach of children. Keep at temperatures between 4 and 50°C.

8. Exposure Controls / Personal Protection

Exposure guidelines

ACGIH - Threshold Limits Values - Short Term Exposure Limits (TLV-STEL)

Isopropyl alcohol 67-63-0 400 Ppm STEL

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Isopropyl alcohol 67-63-0 200 Ppm TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Isopropyl alcohol 67-63-0 CNS impairment; eye and upper respiratory tract irritation

U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)

Isopropyl alcohol 67-63-0 400 Ppm TWA; 980 mg/m3 TWA

Personal protective equipment

Eye / face protection

Wear as appropriate: goggles or safety glasses with side-shields

Skin protection

Not normally needed. Wear impervious gloves for prolonged contact.

Respiratory protection

No personal respiratory protective equipment normally required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Keep away from food and drink. Avoid contact with eyes.

9. Physical & Chemical Properties

Appearance

Not available

Color

pink

Form

Liquid.

Odor

citrus

Odor threshold

Not available

pH

7.29

Freezing point

Not available

Boiling point

100 °C estimated

Flash point

> 212 °F

Flammability limits in air, lower, % by volume

Not available

Flammability limits in air, upper, % by volume

Not available

Vapor pressure

Not available

Vapor density

Not available

Specific gravity

1.003

Solubility (H2O)

Not available

VOC (Weight %)

1.08 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability

Stable at normal conditions.

Conditions to avoid

Heat, flames and sparks. Do not freeze.

NEUTRAL CLEANER

Product number: 192001 / 111018

Incompatible materials strong acids and oxidizing agents
Hazardous decomposition products At thermal decomposition temperatures, carbon monoxide and carbon dioxide.
Possibility of hazardous reactions Will not occur.

11. Toxicological Information

Acute effects Acute LD50: 29738 mg/kg estimated, Rat, Oral
Local effects Components of the product may be absorbed into the body through the skin.
Chronic effects Prolonged exposure may cause chronic effects.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental concerns. This material is not expected to be harmful to aquatic life.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

14. Transport Information

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

Department of Transportation (DOT) Requirements NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropyl alcohol 67-63-0 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

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 - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

International regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

NEUTRAL CLEANER

Product number: 192001 / 111018

State regulations

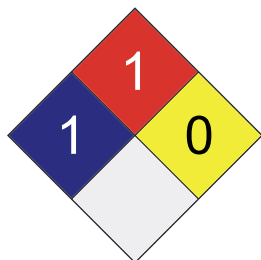
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS rating

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	B

NFPA codes



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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.