

SECTION I – IDENTIFICATION OF SUBSTANCE AND COMPANY

Product Name/Material Name/Trade Name

PURELL® Hygienic Hand Rub

Product Code

9652-501

Manufacturer

GOJO Industries, Inc., One GOJO Plaza, Suite 500, Akron, OH 44311, USA

Product Use

For hygienic hand disinfection

European Contact Address

GOJO Industries Europe Ltd. Unit 15, Avant Business Centre, Denbigh Road, Denbigh West Industrial Estate, Milton Keynes, Buckinghamshire MK1 1DL, UK

Business Number

GOJO Europe: Tel: +44 (0)1908 370757 (9am - 5pm GMT)

Emergency Number

CHEMTREC INTERNATIONAL (+1)-703-527-3887

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>Approximate Amount (%)</u>	<u>CAS Numbers</u>	<u>UN#</u>	<u>EC#</u>	<u>EINECS#</u>
Ethyl alcohol	62%	64-17-5	1170	603-002-00-5	200-578-6
Isopropyl alcohol	<5%	67-63-0	1219	603-003-00-0	200-661-7

R10: Flammable

S2: Keep out of reach of children

S16: Keep away from sources of ignition- No Smoking

S25: Avoid contact with the eyes

S46: If swallowed seek medical advice immediately and show this container or label

S47: Keep at temperature not exceeding 43°C

SECTION III- HAZARDS IDENTIFICATION

FLAMMABLE

FIRE HAZARD: Flammable preparation.

HEALTH HAZARD: Keep away from sparks and flame. No smoking should be allowed near this material.

SKIN HAZARD: Safe for consumer use as directed. Employees handling bulk/large quantities of this preparation should follow appropriate work/hygienic practices outlined below.

EYE HAZARDS: May cause irritation. Avoid eye contact. In case of eye contact, wash immediately with clear water for at least 15 minutes. Consult physician if irritation persists.

ORAL HAZARD: In case of accidental ingestion, give water to dilute. Contact physician immediately.

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SECTION IV – FIRST AID MEASURES

SKIN HAZARD:

May cause irritation upon prolonged contact. If irritation occurs, wash affected area with clear water. Employees handling bulk follow work/hygienic practices outlined below. If irritation persists, contact a physician.

EYE HAZARDS:

May cause irritation. Avoid eye contact. In case of eye contact, wash immediately with clear water for at least fifteen minutes, removing contact lenses if present. If eye irritation occurs, contact a Physician immediately.

INHALATION HAZARD: None known

ORAL HAZARD: In case of accidental ingestion, give water to dilute. Contact physician immediately. Do not induce vomiting.

SECTION V – FIRE-FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS DATA:

Flash Point: 30.2° C

REMARKS: **FLAMMABLE**

EXTINGUISHING MEDIA:

Use carbon dioxide, dry chemical, or foam.

UNUSUAL FIRE AND EXPLOSION HAZARD:

Closed containers may build pressure when exposed to heat or fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Self contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Wear protective eye goggles, skin protection and suitable masks when handling industrial spills. Confine spills using absorbent powder. Transfer to sealed storage container. Dispose in accordance with EU, National/Member State and Local regulations.

SECTION VII – HANDLING AND STORAGE

Special Protection information:

Use explosion proof equipment, store away from sparks and flame.

Respiratory Protection- None is generally required

Eye protection- Use protective goggles or eye shield when contact might occur.

Work/hygienic Practices- Avoid contact with the eyes. Do not smoke.

Storage- Store away from flame and sparks; store in a cool environment.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eliminate all ignition sources. Wear protective eye goggles and suitable masks when handling industrial spills. Confine spills using absorbent powder. Transfer to sealed storage container. Dispose in accordance with EU, National/Member State, and Local regulations. No smoking should be allowed in close proximity to this preparation.

Respiratory Protection- None is generally required

Eye protection- Use protective goggles or eye shield when contact might occur.

Work/hygienic Practices- With this preparation, avoid continuous inhalation, contact with the eyes, and prolonged contact with skin.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

ITEM	DATA	REMARKS
Appearance	Clear Liquid	None
Color	Colorless	None
Odor	Fragrance free; Alcohol-like odor	None
PH (undiluted)	4.5-9.5	None
Flash Point	30.2° C	SW846 1010 Method
VOC	65%	None

SECTION X – STABILITY AND REACTIVITY

Avoid heat and sources of ignition, which may cause a fire. No hazardous decomposition products are known to occur.

SECTION XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: None known under normal route of exposure.

SKIN HAZARD: Safe for consumer use. Employees handling bulk follow work/hygienic practices outlined below.

EYE HAZARDS: Avoid eye contact, wash immediately with clear water for at least 15 minutes. Contact physician if irritation persists.

INHALATION HAZARD: None known under normal route of exposure.

ORAL HAZARD: In case of accidental ingestion, give water to dilute. Contact physician immediately.

MUTAGENICITY: None known under normal route of exposure.

CARCINOGENICITY: None known under normal route of exposure.

REPRODUCTIVE TOXICITY: None known under normal route of exposure

SPECIFIC TARGET ORGAN ORIENTED TOXICITY/CHRONIC TOXICITY OR LONG TERM TOXICITY: None known under normal route of exposure.

SECTION XII – ECOLOGICAL INFORMATION

This preparation has no known bio-accumulative potential, aquatic toxicity, or persistence in the environment.

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SECTION XIII-DISPOSAL CONSIDERATIONS

No special disposal considerations exist for normally-used amounts of this preparation. Waste disposal of large amounts must be in accordance with appropriate EU, National/Member State, and Local regulations for Flammable materials.

SECTION XIV-TRANSPORTATION INFORMATION

Shipping Name: Ethyl Alcohol Solution FLAMMABLE
UN# : UN1170
Hazard Class : 3
Packing Group : III
IMDG (sea): UN1170 Ethyl Alcohol Solution
ADR (road): UN No. 1170 Ethyl Alcohol Solution
RID (rail): UN No. 1170 Ethyl Alcohol Solution
ICAO/IATA (air): UN1170 Ethyl Alcohol Solution

SECTION XV – REGULATORY INFORMATION

Special Precautions and Comments

No special precautions should be needed with normal use of the preparation as directed.

R10: Flammable

S2: Keep out of reach of children

S16: Keep away from sources of ignition- No Smoking

S25: Avoid contact with the eyes

S46: If swallowed seek medical advice immediately and show this container or label

S47: Keep at temperature not exceeding 43°C

SECTION XVI- OTHER INFORMATION

GOJO Industries, Inc. strongly urges companies to provide training for employees that handle large amounts of flammable liquids and preparations. This training should instruct workers in the proper transportation and handling of these materials.

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The format of this Safety Data Sheet conforms to the requirements of EC Directive 91/155/EC

GOJO Industries, Inc.
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