

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : A00124 GEN JOE GLASS CLNR GJ02103 20N19

Material number : 000000000001047593

Manufacturer or supplier's details

Company :

Address :

Telephone :

Emergency telephone numbers

For SDS Information :

For a Medical Emergency :

For a Transportation :

Emergency

Recommended use of the chemical and restrictions on use

Recommended use : Glass Cleaner

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a liquefied gas
Colour	white
Odour	characteristic

GHS Classification

Gases under pressure : Liquefied gas

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H280 Contains gas under pressure; may explode if heated.

Precautionary statements : **Prevention:**
P251 Pressurized container: Do not pierce or burn, even after use.
Storage:
P410 + P403 Protect from sunlight. Store in a well-ventilated place.
Disposal:
P501 Dispose of contents/container in accordance with local

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
butane	106-97-8	>= 3 - < 5
1-propoxypropan-2-ol	1569-01-3	>= 1 - < 3
ethanol	64-17-5	>= 1 - < 3

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
Get medical attention if symptoms occur.
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes.
Wash contaminated clothing before re-use.
- In case of eye contact : Remove contact lenses.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Effects may be delayed, symptoms may include minor eye or skin irritation.
Overexposure may cause mild eye or skin irritation.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

- Suitable extinguishing media : Dry chemical
Carbon dioxide (CO₂)
Foam
- Unsuitable extinguishing media : High volume water jet
- Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Do not breathe vapours or spray mist.
Always replace cap after use.
- Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.
Keep in a dry, cool and well-ventilated place.
- Materials to avoid : Oxidizing agents

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
butane	106-97-8	TWA	800 ppm 1,900 mg/m ³	NIOSH REL
		TWA	800 ppm 1,900 mg/m ³	OSHA P0
		PEL	800 ppm 1,900 mg/m ³	CAL PEL
ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1
		TWA	1,000 ppm 1,900 mg/m ³	OSHA P0
		STEL	1,000 ppm	ACGIH
		PEL	1,000 ppm 1,900 mg/m ³	CAL PEL

Engineering measures : effective ventilation in all processing areas

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection

Material

: Protective gloves

Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.
Safety glasses

Skin and body protection

: Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

Appearance	: Aerosol containing a liquefied gas
Colour	: white
Odour	: characteristic
Odour Threshold	: No data available
pH	: 11
Melting point/freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Evaporation rate	: < 1
Flammability (solid, gas)	: The product is not flammable.
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: 0.99 g/cm ³
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: not determined
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: No data available
Heat of combustion	: 3.63 kJ/g

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Carbon dioxide (CO ₂) Carbon monoxide Nitrogen oxides (NO _x)

SAFETY DATA SHEET
A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition : None known.
Symptoms of Overexposure : Effects may be delayed, symptoms may include minor eye or skin irritation.

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH Confirmed animal carcinogen with unknown relevance to humans
ethanol 64-17-5

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Acute toxicity

Components:

ethanol:
Acute oral toxicity : LD50 Oral Rat: 7,060 mg/kg

Acute inhalation toxicity : LC50 Rat: 124.7 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Skin corrosion/irritation

Product:

Remarks: May irritate skin.

Serious eye damage/eye irritation

Product:

Remarks: May irritate eyes.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: No data available

Components:

butane :

Partition coefficient: n-octanol/water : Pow: 2.89

ethanol :

Partition coefficient: n-octanol/water : Remarks: No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

Additional ecological information : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: IMDG (Vessel):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: IATA (Passenger Air):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: TDG (Canada):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

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 : Gases under pressure

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

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 chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

DSL All components of this product are on the Canadian DSL
TSCA On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

SECTION 16. OTHER INFORMATION

SAFETY DATA SHEET

A00124 GEN JOE GLASS CLNR GJ02103 20N19

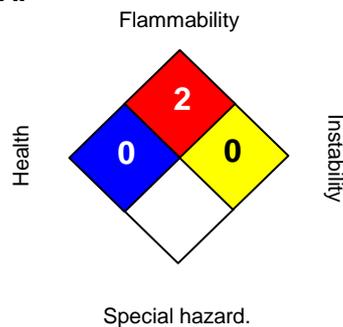
Version 3.0

Revision Date 04/12/2018

Print Date 11/14/2019

Further information

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	2
PHYSICAL HAZARD	1

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

OSHA GHS Label Information:

Hazard pictograms :



Signal word :

Warning:

Hazard statements :

Contains gas under pressure; may explode if heated.

Precautionary statements :

Prevention: Pressurized container: Do not pierce or burn, even after use.

Storage: Protect from sunlight. Store in a well-ventilated place.

Disposal: Dispose of contents/container in accordance with local regulation.

Version:	3.0
Revision Date:	04/12/2018
Print Date:	11/14/2019

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

California – Product Right-To-Know Ingredient Disclosure

Material Number: 000000000001047593

Product Name: Genuine Joe Glass Cleaner Gj02103

Version: 1.0

Revision Date: 08/09/2019

Print Date: 08/20/2019

Below is list of components identified for disclosure under SB 258 along with Chemical Abstract Number and functional purpose.

Ingredient Name	CAS Number	Functional Purpose
Water	7732-18-5	Water
Butane	106-97-8	Propellant
Propoxypropanol	1569-01-3	Solubilizer
Ethanol	64-17-5	Solubilizer
Propane	74-98-6	Propellant
Morpholine	110-91-8	Builder
Isopropanolamine	78-96-6	Builder
Isopropanol	67-63-0	Solubilizer
Decyl Glucoside	68515-73-1	Cleaning Agent

Designated Lists

- 1) **CA Prop 65**. Chemicals known to the State of California to cause cancer or reproductive toxicity (including developmental, female and male toxicity) that are listed pursuant to the Safe Drinking Water and Toxic Enforcement Act of 1986 (California Code of Regulations, Title 22, Division 2, Subdivision 1, Chapter 3, Sections 1200 et seq, also known as Proposition 65).
- 2) **EU CMRs**. Chemicals classified by the European Union as carcinogens, mutagens, and/or reproductive toxicants in Category 1A and 1B in Annex VI to Regulation (EC) 1272/2008.
- 3) **EU Endocrine Disruptors**. Chemicals included in the European Union candidate list of Substances of Very High Concern in accordance with Article 59 of Regulation (EC) 1907/2006 on the basis of Article 57(f) for endocrine disrupting properties.
- 4) **IRIS Neurotoxicants**. Chemicals for which a reference dose or reference concentration has been developed based on neurotoxicity in the United States Environmental Protection Agency's Integrated Risk Information System.
- 5) **IRIS Carcinogens**. Chemicals that are identified as "carcinogenic to humans", "likely to be carcinogenic to humans", or Group A, B1, or B2 carcinogens in the United States Environmental Protection Agency's Integrated Risk Assessment System.
- 6) **EU PBTs**. Chemicals included in the European Union candidate list of Substances of Very High Concern in accordance with Article 59 of Regulation (EC) 1907/2006 on the basis of Article 57(d), Article 57(e), or Article 57(f) for persistent bioaccumulative and toxic, or very persistent and very bioaccumulative properties.
- 7) **Canada PBTs**. Chemicals that are identified as Persistent, Bioaccumulative, and Inherently Toxic to the environment by the Canadian Environmental Protection Act Environmental Registry Domestic Substances List.
- 8) **EU Respiratory Sensitizers**. Chemicals classified by the European Union as respiratory sensitizers Category 1 in Annex VI to Regulation (EC) 1272/2008.
- 9) **IARC Carcinogens**. Group 1, 2a, or 2b carcinogens identified by the International Agency for Research on Cancer, World Health Organization, in Monographs on the Evaluation of Carcinogenic Risks to Humans.
- 10) **ATSDR Neurotoxicants**. Neurotoxicants that are identified in the United States' Department of Health and Human Services' Agency for Toxic Substances and Disease Registry's Toxic Substances Portal under "Health Effects of Toxic Substances and Carcinogens, Nervous System."
- 11) **US EPA Priority Chemicals List**. Persistent, Bioaccumulative and Toxic Priority Chemicals that are identified by the United States Environmental Protection Agency's National Waste Minimization Program.
- 12) **US NTP Reproductive or Developmental Toxicants**. Reproductive or developmental toxicants identified in "Monograph on the Potential Human Reproductive and Developmental Effects" published by the United States Department of Health and Human Services' National Toxicology Program, Office of Health Assessment and Translation.
- 13) **US EPA PBTs**. Chemicals identified by the United States Environmental Protection Agency's Toxics Release Inventory program as Persistent, Bioaccumulative and Toxic Chemicals that are subject to reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986.
- 14) **WA PBTs**. The Washington Department of Ecology's Persistent, Bioaccumulative, Toxic (PBT) Chemicals identified in the Washington Administrative Code, Title 173, Chapter 173-333.

- 15) **US NTP Carcinogens.** Chemicals that are identified as “known to be” or “reasonably anticipated to be” human carcinogens in the 13th Report on Carcinogens and any subsequent revisions prepared by the United States Department of Health and Human Services’ National Toxicology Program.
- 16) **CA NLS.** Chemicals for which notification Levels, as defined in Health and Safety Code Section 116455, have been established by the California Department of Public Health or the State Water Resources Control Board.
- 17) **CA MCLs.** Chemicals for which primary Maximum Contaminant Levels have been established and adopted under Sections 64431 or 64444 of Chapter 15 of Title 22 of the California Code of Regulations.
- 18) **CA TACs.** Chemicals identified as Toxic Air Contaminants under Sections 93000 or 93001 of Title 17 of the California Code of Regulations.
- 19) **CA Priority Pollutants.** Chemicals that are identified as priority pollutants in the California Water Quality Control Plans under Section 303(c) of the federal Clean Water Act and in Section 131.38 of Title 40 of the Code of Federal Regulations, or identified as pollutants by California or the United State Environmental Protection Agency for one or more water bodies in California under Section 303(d) of the federal Clean Water Act and Section 130.7 of Title 40 of the Code of Federal Regulations.
- 20) **CA Non-Cancer Hazards.** Chemicals that are identified with non-cancer endpoints and listed with an inhalation or oral Reference Exposure Level by the California Office of Environmental Health Hazard Assessment under Health and Safety Code Section 44360(b)(2).
- 21) **CA Priority Chemicals.** Chemicals identified as priority chemicals by the California Environmental Contaminant Biomonitoring program pursuant to Section 105449.
- 22) **Marine Priority Action Chemicals.** Chemicals that are identified on Part A of the list of Chemicals for Priority Action prepared by the Oslo and Paris Conventions for the Protection of the Marine Environment of the North-East Atlantic.
- 23) **EU Fragrance Allergens.** Chemicals identified as fragrance allergens in Annex III of the EU Cosmetics Regulation 1223/2009, as required to be labeled by the European Detergents Regulation No. 648/2004.
- 24) **AOEC Asthmagens.** Chemicals designated as asthmagens by the Association of Occupational and Environmental Clinics.
- 25) **US EPA TSCA Chemicals of Concern.** chemical for which the United States Environmental Protection Agency has issued a Chemical of Concern Action Plan pursuant to the federal Toxic Substances Control Act.
- 26) **US EPA Ozone Depletors.** Chemicals identified as a Class I or Class II Ozone-Depleting Substance by the United States Environmental Protection Agency.
- 27) **NY DOH MCLs.** Chemicals for which Maximum Contaminant Levels have been established and adopted in Tables 1, 3, 3A, and 7 of Subpart 5-1.52 of Title 10 of the New York Code of the Rules and Regulations (10 NYCRR Subpart 5-1.52).
- 28) **GLWQA Chemicals of Mutual Concern.** Chemicals identified as Chemicals of Mutual Concern developed under the 2012 U.S./ Canada Great Lakes Water Quality Agreement (GLWQA) Annex 3.
- 29) **NY Air Toxics.** Chemicals identified as high toxicity air contaminants in Part 212 of Title 6 of the New York Codes of Rules and Regulations (6 NYCRR Subpart 212-2.2, as defined in Subpart 212-1.2 (b)(9)).
- 30) **Nonfunctional Constituents.** An ingredient, impurity, or contaminant present in a covered product as an unintentional consequence of manufacturing and which has no functional or technical effect on the finished product.