

Safety Data Sheet – 292-B

1. Product and Company Identification

Product Code	292-B	
Product Name	1739-B	
Company Name	Giant Finishing 600 Factory Rd Addison, IL 60101	Phone +1 (800) 404-4268
Web Site Address	www.giantfinishing.com	
Emergency Contact	Chemtrec	+1 (800) 424-9300

2. Hazard Identification of the product

2.1. Classification of the substance or mixture

Skin Irrit. 2;H315	Causes skin irritation.
Eye Irrit. 2,H319	Causes serious eye irritation.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows:



Warning

H315 Causes skin irritation.

H319 Causes serious eye irritation

Prevention:

P264 Wash thoroughly after handling

P280 Wear protective gloves / eye protection / face protection

Response:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P321 Specific treatment (see information on this label).

P337-313 If eye irritation persists: Get medical advice / attention.

P362 Take off contaminated clothing and wash before reuse

Storage:

No GHS Storage statements.

Disposal:

No GHS disposal statements

3. Composition / Information on ingredients

Ingredient / Chemical Designations	Weight %	GHS Classification	Notes
Sodium silicate CAS Number: 0001344-09-8	1.0-10	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318	1
2-butoxyethanol CAS Number: 0000111-76-2	1.0-10	Acute Tox. 4;H332 Acute Tox. 4;H315 Acute Tox. 4;H302 Eye Irrit. 2;H319 Skin Irrit. 2;H315	1,2

1 – Substance classified with a health or environmental hazard.

2 – Substance with a workplace exposure limit.

3 – PBT – substance or vPvB-substance.

*The full texts of the phrases are shown in section 16.

4. First Aid Measures**4.1. Description of first aid measures**

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, hold the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed.

Overview No specific symptom data available.
See section 2 for further details.

Eyes Causes serious eye irritation.

Skin Causes skin irritation.

5. Fire Fighting Measures**5.1. Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Do NOT use; Water Jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow runoff water and contaminants from fire fighting to enter drains or water ways.

ERG Guide

No. 0

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, or vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13)

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately.

In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and Storage

7.1. Precautions for safe handling

See section 2 for further details. – [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron.

7.3. Specific end use(s)

No Data available.

8. Exposure Control/Personal Protection

Exposure

CAS No	Ingredient	Source	Value
0000111-76-2	2-butoxyethanol	OSHA	TWA 50 ppm (240 mg/m ³) [skin]
		ACGIH	TWA 20 ppm Revised 2003
		NIOSH	TWA 5 ppm (24 mg/m ³) [skin]
		Supplier	No Established Limit
0001344-09-8	Sodium silicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

0000111-76-2	2-butoxyethanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0001344-09-8	Sodium silicate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure Controls

Respiratory	Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Eyes	Wear safety glasses with side shields to protect the eyes. The use of a face shield is also recommended for skin protection in the area of the eyes. An eye wash station is suggested as a good workplace practice.
Skin	Chemical resistant clothing such as coveralls/apron boots should be worn. Chemical Impervious Gloves
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See Section 2 for further details. – [Prevention]

9. Physical and Chemical Properties

Appearance	Clear, colorless liquid
Odor	Mild, soap
Odor threshold	Not Measured
pH	12.5-13.1
Melting point / freezing point	Not measured
Initial boiling point and boiling range	212°F
Flash Point	>200°F PMCC (non flammable)
Evaporation rate (Ether = 1)	0.33
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Lower explosive limit: Not measured Upper explosive limit: Not measured
Vapor pressure (Pa)	Not Determined
Vapor Density	Not Determined
Specific Gravity	1.015 – 1.025
Solubility in Water	Not measured
Partition coefficient n-octanol/water (Log Kow)	Not measured
Auto-ignition temperature	Not measured
Decomposition temperature	Not measured
Viscosity (cSt)	Not measured
Foaming	Moderate

9.2. Other information

No other relevant information.

10. Stability and Reactivity

10.1. Reactivity	Hazardous Polymerization will not occur.
10.2. Chemical Stability	Stable under normal circumstances.
10.3. Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available.
10.5. Incompatible materials	Any acidic material, ammonia, urea, oxidizable materials and metals such as nickel, copper, tin, aluminum and iron.
10.6. Hazardous decomposition products	No hazardous decomposition data available.

11. Toxicological Information

Acute toxicity Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Sodium silicate – 1344-09-8	> 2,000.00, Rat – Category: 5	No data available	No data available	No data available	No data available
2-butoxyethanol – 111-76-2	1,474.00, Guinea Pig – Category: 4	1,200.00 Guinea Pig – Category: 4	173.00, Guinea Pig – Category: NA	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate)

Classification	Category	Hazard Description
Acute Toxicity (oral)	--	Not Applicable
Acute toxicity (dermal)	--	Not Applicable
Acute toxicity (inhalation)	--	Not Applicable
Skin corrosion / irritation	2	Causes skin irritation.
Serious eye damage / irritation	2	Causes serious eye irritation.
Respiratory sensitization	--	Not Applicable
Skin sensitization	--	Not Applicable
Germ cell mutagenicity	--	Not Applicable
Carcinogenicity	--	Not Applicable
Reproductive toxicity	--	Not Applicable
STOT – single exposure	--	Not Applicable
STST – repeated exposure	--	Not Applicable
Aspiration hazard	--	Not Applicable

12. Ecological Information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium silicate – 1344-09-8	301.00, Lepomis macrochirus	216.00, Daphnia magna	Not Available
2-butoxyethanol – 111-76-2	22.00, Fish (Piscis)	1,000.00, Daphnia magna	Not Available

12.2. Persistence and degradability

This product is fully biodegradable.

12.3. Bioaccumulative potential

Not measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal Considerations

Waste Disposal Method Observe all federal, state, and local environmental regulations.

14. Transport Information

14.1. UN number	Not Applicable
14.2 UN proper shipping name	Compound, Cleaning, N.O.I., Liquid
14.3. Transport hazard class(es)	Not Applicable
14.4. Packing group	Not Applicable

15. Regulatory Information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards

- Fire: No
- Sudden Release of Pressure: No
- Reactive: No
- Immediate (Acute): Yes
- Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs: No product ingredients listed

EPCRA 302 Extremely Hazardous: No product ingredients listed

EPCRA 313 Toxic Chemicals: 2-butoxyethanol

Proposition 65 – Carcinogens (>0.0%) No product ingredients listed

Proposition 65 – Developmental Toxins (>0.0%) No product ingredients listed

Proposition 65 – Female Repo Toxins (>0.0%) No product ingredients listed

Proposition 65 – Male Repo Toxins (>0.0%) No product ingredients listed

N.J. RTK Substances (>1%) 2-butoxyethanol

Penn RTK Substances (>1%) 2-butoxyethanol

16. Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers / users of this product must comply with all applicable health and safety laws, regulations, and orders

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.