



KLAGAR GROUP PRODUCTS

2515 Van Luven Rd Baltimore ON K0K 1C0
Email: info@bunkerbustercleaner.com Tel: 1-905-376-9110
Web: www.bunkerbustercleaner.com

Material Safety Data Sheet BUNKER BUSTER TURNOUT GEAR CLEANER

Section 1 – Product and Company Information.

Product Identifier: BUNKER BUSTER TURNOUT GEAR CLEANER
Supplier Name: KLAGAR group Products
2515 Van Luven Rd
Baltimore, Ontario K0K 1C0
Prepared by: Kelly Serson
Preparation Date: April 21, 2020
Emergency contact phone: (905)-376-9110

Section 2 – Hazard Identification.

Inhalation: Breathing of mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations expected in normal use.

Skin contact / Absorption: May cause mild skin irritation. Symptoms may include redness and burning of the skin. May cause allergic reaction.

Ingestion: Swallowing small amounts of this material during normal handling is not expected to cause harmful effects. Swallowing large amounts may be harmful.

Exposure limits: Contains no substances with occupational exposure limit values.



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Section 3 – Information on ingredients

Ingredients:		CAS #
	Water	60-90% 7732-18-5
	Glycol Ether DB	2- 10% 112-34-5
	Coco-Amide	2 – 10% 68333-82-4
	Ethoxylated Alcohol Surfactant	2 - 10% 9016-45-9
	D-Limonene	5-15% 59589-27-5

*Specific percentages are withheld as a trade secret.

Section 4 – First Aid Measures.

Inhalation:	Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek immediate medical attention. Signs and symptoms of exposure to this material through breathing may include irritation of the nose, throat, airways, headache and dizziness.
Skin contact / Absorption:	Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.
Eye contact:	Flush immediately with water for at least 20 minutes. Forcibly hold eyelids open to ensure complete irrigation of eye tissue. Seek immediate medical attention.
Ingestion:	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth or induce vomiting, place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.



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Section 5 - Fire Fighting Measures.

Conditions of Flammability: Not Flammable.
Means of Extinction: NA
Flash Point: Not Flammable
Hazardous Combustion Products: Water Vapour, Carbon Dioxide, Carbon Monoxide.
Special Fire Fighting Procedures: Not Flammable
Explosion Hazards: None.

Section 6 - Accidental Release Measures.

Leak / Spill:

Wear appropriate personal protective equipment. Ventilate the area. Stop or reduce leak if safe to do so. Prevent material from entering sewers. Flush with water to remove any residue. Eliminate all ignition sources. Contain spills with sand, earth, diatomaceous earth, vermiculite and place in containers for disposal according to local/national regulations.

Section 7 - Handling and Storage.

Avoid generating mists. Keep containers closed when not in use. Recommend chemical safety goggles or face shield. Wearing of protective aprons or coveralls recommended. No respiratory protection required under normal conditions. Consider the use of respirator in confined spaces or elevated temperatures. Emergency eyewash or shower should be available.
STORAGE – Keep container closed when not in use. Do not freeze. Store in cool well-ventilated area away from incompatible materials and ignition sources.



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Section 8 – Exposure controls/personal protection.

The usual precautionary measure for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Wear safety glasses or goggles. Avoid contact with the hands and eyes.
Breathing equipment not required.
Wear impermeable protective gloves.
Wear safety glasses.

Section 9 – Physical and Chemical properties.

Appearance:	Transparent water-based fluid
Odor:	Light citrus odor.
Ph value:	8.5 - 9.5
Flash Point:	NONE
Flammability (solid, gaseous):	NA
Decomposition temperature:	ND
Auto ignition temperature:	ND
Danger of explosion:	Product does not present an explosion hazard.
S.G. 22 deg. C	1.05
Evaporation rate:	Same as water
Solubility in water:	Soluble

Section 10 – Reactivity and Stability

Stable under normal conditions.
Thermal decomposition will form oxides of carbon.
Avoid strong acids.
Avoid Oxidising Agents.
Hazardous decomposition products: Oxides of carbon (COx)



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Section 11 – Toxicological information

May be slightly irritating to the skin.
May be irritating to the eyes.
Substance is not listed as a carcinogen.
D-limonene is a sensitizer.

Section 12 – Ecological information

Aquatic toxicity: No information available.
Persistence and biodegradability: Product is fully biodegradable

Section 13 – Disposal considerations

Do not dispose of with household garbage.
Do not dispose of via the sewage system.
Dispose of according to local and national regulations.

Section 14 – Transport information

Nonregulated for transportation.
Drums and containers should be properly secured during transportation.

Section 15 – Regulatory information

WHMIS Classification: B3

Section 16 – Other information

Note: We have provided the above information to the best of our ability at this time. Should other information be developed; we will update this document.
The user should consider the information provided herein as a guide and take all normal precautions required to provide a safe workplace and instruct employees and develop safe work practice procedures for a safe work environment.
However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the user of the material. It is the responsibility of the user to comply with all applicable laws and regulations.