



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

## SAFETY DATA SHEET

# Super Blast Off®

### SECTION 1: Identification

1. Product identifier  
Trade name  
Super Blast Off®
2. Relevant identified uses of the substance or mixture and uses advised against  
Relevant identified uses of the substance or mixture  
Cleaning product  
Uses advised against  
None known.
3. Details of the supplier of the safety data sheet  
Company and address  
**Blast Off International Chemical & MFG Co, Inc**  
199 Crocker St  
27876 Seaboard, NC  
USA  
+01 252-589-7840  
<https://www.superblastoff.com/>  
Contact person  
Liana McLaughlin  
E-mail  
[liana@superblastoff.com](mailto:liana@superblastoff.com)  
SDS date  
1/24/2024, supersedes previous versions  
SDS Version  
1.0
- 1.4 Emergency telephone number  
United States  
Velocity EHS  
800-255-3924 (24 hours)

### SECTION 2: Hazard(s) identification

#### OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

1. Classification of the substance or mixture  
Skin Irrit. 2; H315, Causes skin irritation.  
Eye Dam. 1; H318, Causes serious eye damage.
2. Label elements  
Hazard pictogram(s)



#### Signal word

Danger

#### Hazard statement(s)

Causes skin irritation. (H315) Causes serious eye damage. (H318)



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Precautionary statement(s)

General

-

Prevention

Wash hands and exposed skin thoroughly after handling. (P264) Wear face protection/protective gloves. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Storage

-

Disposal

-

Additional labelling

Not applicable.

3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfill the criteria for PBT and vPvB classification.

SECTION 3: Composition/Information on Ingredients

1. Substances

Not applicable. This product is a mixture.

2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Pentasodium triphosphate	CAS No.: 7758-29-4	5-10%		
1-methoxy-2-propanol;monopropylene glycol methyl ether	CAS No.: 107-98-2	1-3%	Flam. Liq. 3, H226 STOT SE 3, H336	
Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)	CAS No.: 68155-07-7	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318	
disodium dioxido(oxo)silane pentahydrate	CAS No.: 10213-79-3	1-3%	Skin Corr. 1B, H314 STOT SE 3, H335	
Dowanol PNB Glycol Ether	CAS No.: 5131-66-8	1-3%	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2B, H320	
Methanol	CAS No.: 67-56-1	<0.25%	Flam. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 STOT SE 1, H370	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-



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## SECTION 4: First-aid measures

### 1. Description of first aid measures

#### General information

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Remove contaminated clothing and shoes. Rinse with copious amounts of fresh water, or shower, for several minutes. Launder clothing before reuse.

If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. If irritation continues, seek medical assistance and continue flushing during transport.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Not applicable.

### 2. Most important symptoms and effects, both acute and delayed

The product contains substances that can cause serious eye damage. Contact with these substances may cause irreversible effects on the eye / serious eye damage.

### 3. Indication of any immediate medical attention and special treatment needed

If exposed or concerned get medical attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Fire-fighting measures

### 1. Extinguishing media

Not applicable.

### 2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced.

These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

### 3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6: Accidental release measures

### 1. Personal precautions, protective equipment and emergency procedures



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- Avoid direct contact with spilled substances.  
Contaminated areas may be slippery.
- 2. **Environmental precautions**  
Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill
- 3. **Methods and material for containment and cleaning up**  
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.
- 4. **Reference to other sections**  
See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

- 1. **Precautions for safe handling**  
Avoid direct contact with skin, wash affected areas with water.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.
- 2. **Conditions for safe storage, including any incompatibilities**  
Containers that have been opened must be resealed and kept upright to prevent leakage.  
**Recommended storage material**  
Always store in containers of the same material as the original container.  
**Liquid class**  
Combustible Liquid / Class IIIB (NFPA 30)  
**Storage temperature**  
No specific requirements  
**Incompatible materials**  
Strong acids
- 3. **Specific end use(s)**  
This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

- 1. **Control parameters**  
No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)
- 2. **Exposure controls**  
Apply general control to prevent unnecessary exposure  
**General recommendations**  
Smoking, drinking and consumption of food is not allowed in the work area.  
**Exposure scenarios**  
There are no exposure scenarios implemented for this product.  
**Exposure limits**  
Occupational exposure limits have not been defined for the substances in this product.  
**Appropriate technical measures**  
Ensure that eyewash stations and safety showers are located within easy reach. Apply standard precautions during use of the product. Avoid inhalation of vapours.  
**Hygiene measures**  
Take off contaminated clothing and wash it before reuse.  
**Measures to avoid environmental exposure**  
No specific requirements.  
**Individual protection measures, such as personal protective equipment**  
**Generally**  
Use only protective equipment with a recognized certification mark, e.g. the UL mark.  
**Respiratory Equipment**



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No specific requirements

Skin protection

Recommended	Type/Category	Standards
No special when used as intended.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Cotton/Nitril	-	> 240	EN374-2, EN374-3, EN388



Eye protection

Face shield  
alternatively safety glasses with side shields

EN166



SECTION 9: Physical and chemical properties

Type	Standards
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1. Information on basic physical and chemical properties

Physical state

Liquid

Color

Green

Odor

Characteristic

pH 10.7

Density (g/cm³)

Testing not relevant

Phase changes

Melting point (°F)

Not determined or not available

Softening point/range (waxes and pastes) (°F)

Does not apply to liquids.

Boiling point (°F)

Not determined or not available.

Vapor pressure

Not determined or not available

Decomposition temperature (°F)

Not determined or not available

Data on fire and explosion hazards

Flash point (°F)

-

Flash point (°C)

99

Flammability (°F)



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Auto-ignition temperature (°F)

Not determined or not available

Explosion limits (% v/v)

Not determined or not available

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

Not determined or not available

2. Other information

Other physical and chemical parameters

Not determined or not available

Oxidizing properties

Not determined or not available

### SECTION 10: Stability and reactivity

1. Reactivity

No data available.

2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

3. Possibility of hazardous reactions

None known.

4. Conditions to avoid

None known.

5. Incompatible materials

Strong acids

6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitization

Based on available data, the classification criteria are not met.

Skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.



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Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

The product contains substances that can cause serious eye damage. Contact with these substances may cause irreversible effects on the eye / serious eye damage.

Other information

None known.

SECTION 12: Ecological information

1. Toxicity

No data available.

2. Persistence and degradability

Based on available data, the classification criteria are not met.

3. Bio accumulative potential

Based on available data, the classification criteria are not met.

4. Mobility in soil

No data available.

5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

6. Other adverse effects

None known.

SECTION 13: Disposal considerations

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
DOT	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

Additional information

Not dangerous goods according to DOT, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: Regulatory information

1. Safety, health and environmental regulations/legislation specific for the substance or mixture

2. U.S. Federal regulations  
TSCA (the non-confidential portion)



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- None of the components are listed
- Clean Air Act
  - None of the components are listed
- EPCRA Section 302
  - None of the components are listed
- EPCRA Section 304
  - None of the components are listed
- EPCRA section 313
  - None of the components are listed
- CERCLA
  - None of the components are listed
- State regulations California / Prop. 65
  - None of the components are listed
- Massachusetts / Right To Know Act
  - None of the components are listed
- New Jersey / Right To Know Act
  - None of the components are listed
- New York / Right To Know Act
  - None of the components are listed
- Pennsylvania / Right To Know Act
  - None of the components are listed
- 4. Restrictions for application
  - Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.
- 5. Demands for specific education
  - No specific requirements.
- 6. Additional information
  - Not applicable.
- 7. Chemical safety assessment
  - No
- 8. Sources
  - OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: Other information

- Full text of H-phrases as mentioned in section 3
  - H225, Highly flammable liquid and vapor. H226, Flammable liquid and vapor.
  - H227, Combustible liquid
  - H301, Toxic if swallowed.
  - H311, Toxic in contact with skin.
  - H314, Causes severe skin burns and eye damage. H315, Causes skin irritation.
  - H318, Causes serious eye damage.
  - H320, Causes eye irritation
  - H331, Toxic if inhaled.
  - H335, May cause respiratory irritation. H336, May cause drowsiness or dizziness. H370, Causes damage to organs.

- The full text of identified uses as mentioned in section 1
  - None known.

Abbreviations and acronyms

- ACGIH = American Conference of Governmental Industrial Hygienists
- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate





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BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CERCLA = Comprehensive Environmental Response Compensation and Liability Act DOT  
= Department of Transportation  
EINECS = European Inventory of Existing Commercial chemical Substances EPCRA  
= Emergency Planning and Community Right-To-Know Act  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
HCIS = Hazardous Chemical Information System  
HNOC = Hazards Not Otherwise Classified  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association IMDG  
= International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.  
("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health OECD =  
Organization for Economic Co-operation and Development OSHA =  
Occupational Safety and Health Administration  
PBT = Persistent, Bio accumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN =  
REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials VOC =  
Volatile Organic Compound  
vPvB = Very Persistent and Very Bio accumulative

#### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

#### Initial Preparation Date:

06/15/2014

#### Revision Date:

01/25/2024

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle. The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en