



Safety Data Sheet

Super Blast Off® Cleaner/Degreaser Concentrate



Nonfood Compounds
Reg. No. 164379

Section 1 - Identification

Product Name: Super Blast Off®

Recommended Use: Cleaner and Degreaser. Dilute with water to fit the need of the user. If this product is used in combination with other products, refer to the Safety Data Sheets for those products. Formulated cleaning product, alkaline.

Restrictions on Use: None known.

Manufacturer Information:

Blast Off International Chemical & Manufacturing Company, Inc
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Seaboard, NC 27876

Phone: (252) 589-7840
www.superblastoff.net

Emergency #: Chemtel 1-800-255-3924

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Classification in Accordance with 29 CFR 1910.1200

*** Section 2 - Hazard(s) Identification ***

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 1

GHS Label Elements

Symbol(s):



Signal Word:
WARNING!

Hazard Statement(s)

May cause skin irritation
May cause serious eye irritation/damage

Precautionary Statement(s):

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Prevention:

Wash thoroughly after handling. Wear protective gloves and eye protection.

Response:

IF ON SKIN: Wash with water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several seconds. Remove contacts, if present. Continue to rinse with fresh water until irritation is gone, or seek medical attention if necessary.

Mixtures:
***** Section 3 - Composition/Information on Ingredients *****
Chemical Characterization

Aqueous solution of chemical (= 75% water), contains phosphates.

Hazardous components

Ec No, Quantity REACH No.	Chemical Name CAS No.	Classification
203-539-1 <3% 197-98-2 603-064-00-3	1-methoxy-2-propanol monopropylene glycol methyl ether R10-67 Flam. Liq. 3, STOT SE 3, H226 H336	
225-878-4 603-052-00-8 229-912-9 6834-92-0 014-010-00-8 203-868-0	Amides, C8-18 and C-18-unsaid, NN-bix (hydroxyethyl) 3-butoxypropan-2-ol, propylene glycol monobutyl ether 1. Eye irritant, 2. Skin irritant. 2, H319 H315 disodium metasilicate C, Xi R34-37 Skin Corrosive, 1B, STOT SE 3: H314 H355 2.2'-Iminodiethanol, diethanolamine	1-<5% 68155-07-7 Xn R2:2-35/.38 <2% 5131-66-8 Xi R36/38 1-<4% 111-42-2 Xn, Xi IR22-48/22-38-41
603-071-00-1 200-659-6	Acute Toxicity: 4, STOT RE 2, Skin Irritant 2, Eye Damage 1: H302 H373 H318 methanol	0.1-<1% 67-56-1
603-001-00-X	F, T R-11-23/24/25-39/23/24/25 Flam 1, Liq. 2, Acute Tox., 3, Acute Tox., 3 STOT SE 1, H225 H331 H311 (Full test or R and H phrases, see section 16)	

Description of First Aid Measures
***** Section 4 - First Aid Measures *****

General Information: Remove soiled clothing

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After Inhalation: No special precautions required

After contact with skin: Wash off with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

After contact with eyes: Flush eyes immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

If ingested: If swallowed, get medical advice.

Most important symptoms and effects, both acute and delayed: Skin irritation, eye irritation. No information on delayed symptoms, no significant adverse effects.

Extinguishing Media: Suitable extinguishing media. The product itself does not burn. Use

*** Section 5 - Fire-Fighting Measures ***

extinguishing measures that are appropriate to the environment.

Extinguishing media which must not be used for safety reasons: None

Specific hazards arising from the substance or mixture: None known

Advice for Fire-fighters: In the event of fire, wear self-contained breathing apparatus

*** Section 6 - Accidental Release Measures ***

Personal precautions, protective equipment and emergency equipment: Product is a soap, may cause slipping if leak occurs. Use suitable protective equipment (See section 8).

Environmental Precautions: Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Avoid subsoil penetration.

Methods and material for containment and clean-up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). After cleaning, flush away traces with water.

*** Section 7 - Handling and Storage ***

Advice on safe handling: Not required under normal use. Incompatible with strong acids and oxidizing agents.

Advice on protection against fire and explosion: No special precautions required.

Requirement for storage rooms and vessels: Reliable action must be taken to prevent ingress into the soil.

Advice on storage compatibility: Do not store together with edibles. Do not store near acids. Do not store near flammable, or highly inflammable substances. Store separately from oxidizing agents.

Further information on storage conditions: Keep in a dry, cool and well-ventilated place.

*** Section 8 - Exposure Controls/Personal Protection ***

Control Parameter**Exposure limits (EH40)**

CAS NO.	Chemical Name	ml/m ³	%/ml	Origin
107-98-2	1-Methoxypropan-2-ol	100 150	TWA (8h) STEL (15min)	WEL WEL
67-56-1	Methanol	200 250	TWA (8h) STEL (15min)	WEL WEL

Individual Protective Measures, Such as Personal Protective Equipment: Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered: safety glasses, gloves.

Eyes/Face Protection: Safety glasses with side shields should be worn. Goggles, face shields, or respirators may be needed dependent upon anticipated use. Provide fresh water and/or emergency eye wash in case of eye contact.

Skin Protection: Wear chemical resistant protective gloves. Wear appropriate clothing.

Respiratory protection: Not necessary.

*** Section 9 - Physical and Chemical Properties ***

Information on basic physical and chemical properties:

Physical State

Liquid

Color

Green

Odor

Characteristic

pH-value (at 20° C)

10.7

Changes in the physical state:

Melting point

NA

Boiling point

*** Section 10 - Stability and Reactivity ***
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99° C

Flash point

NA

Lower explosion limits

NA

Upper Explosion limits

NA

Water solubility (20° C)

Completely soluble

Reactivity: No reactivity hazard is expected

Chemical stability: Stable under normal temperatures and pressures

Conditions to avoid: No decomposition, if used as directed

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Incompatible materials: Incompatible with strong acids and oxidizing agents

Hazardous decomposition products: No dangerous decomposition products known

***** Section 11 - Toxicological Information *****

Acute toxicity: No data is available on the product itself

CAS No	Chemical Name	Exposure Routes	Method	Dose	Species
108-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	Acute oral toxicity	LD50	<>5000 mg/kg	Rats	
	Acute dermal toxicity	LD50	11000 mg/kg	rabbits	
68155-07-7	Amides, C8-18 and C18-unsaid N,N-bis(hydroxyethyl)				
	Acute oral toxicity	LD50	1500 mg/kg	rats	
5131-66-8	3-butoxypropanol-2-ol, propylene-glycol monobutyl ether				
	Acute oral toxicity	LD50	>2000 mg/kg	Rats	
	Acute dermal toxicity	LD50	>2000 mg/kg	Rats	
6834-92-0	Disodium metasilicate				
	Acute oral toxicity	LD50	150 mg/kg	Rats	
	Acute oral toxicity	LD50	680 mg/kg	Rats	
	Acute dermal toxicity	LD50	8380 mg/kg	Rabbits	
67-56-1	methanol				
	Acute oral toxicity	LD50	56288 mg/kg	Rats	
	Acute dermal toxicity	LD50	1500 mg/kg	rabbits	

***** Section 12 - Ecological Information *****

CAS No.	Chemical Name	Aquatic Toxicity	Method	Dose	Species	Hrs
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether					
	Acute fish toxicity	LC50	4600-10000 mg/l	Leuciscus idus	96	
	Acute algae toxicity	ErC50	>1000 mg/l	Pseudokirchneriella subcapitata		
	Acute crustacean toxicity	EC50	>500 mg/l	Daphnia Magna	48	
5131-66-8	3-butoxypropano-2-ol, propylene-glycol monobutyl ether					

	Acute fish toxicity	LC50	>100 mg/l	Pimephales promelas	96
	Acute crustacean toxicity	EC50	100 mg/l	Daphnia Magna	48
67-56-1	Methanol				
	Acute fish toxicity	LC50	15400 mg/l	Lapomis macrochirus Da	96
	Acute crustacean toxicity	EC50	>10000 mg/l	Daphnia Magna	48

Persistence and degradability: Is ultimately biodegradable (reaches 86 mineralization in OECD test(s) for inherent biodegradability)

Bioaccumulative potential: No information available for this product

CAS No	Chemical name	Log Pow
107-88-2	1-mthoxy-2-propanol; monopropylene glycol methyl ether	-0,437
67-56-1	Methanol	-0,77

Mobility in Soil: No information available for this product

Other Adverse Effects: Contains no organically bonded halogens (AOX) Should not be released into the environment.

*** Section 13 - Disposal Considerations ***

Advice of Disposal: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Blast Off Int'l regarding proper recycling or disposal.

Waste Disposal number of waste from residues/unused product

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS, separately collected fractions (except 1501), detergents other than those mentioned in 20 01 29.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste) plastic packaging.

*** Section 14 - Transport Information ***

Emergency Response Guide Number: Not applicable

Transportation Regulations:

DOT/Land Transport: Not regulated as a hazardous material for transport.

Inland Waterways/Marine Transport: Not regulated as a hazardous material for transport.

Air Transport: Not regulated as a hazardous material for transport.

*** Section 15 - Regulatory Information ***

Safety, health and environmental regulation/specific for the substance or mixture**EU Regulatory information:** 1999/13/EC VOC)

VOC value (%) 4,39

Additional Information:

Contents (648/2004/EC)

<5% Non-ionic tensides

<5% Phosphate

0.1 - <1% edetic acid (EDTA)

(National

regulatory information)

Changes: Sections which have been changed in comparison to the preceding edition:***** Section 16 - Other Information *****

1,2,4,6,10,11,12,14

Full text of R-phrases referred to under section 2 and 3:

10	Flammable
11	Highly flammable
22	Harmful if swallowed
23/24/25	Toxic by inhalation, in contact with skin and if swallowed
34	Causes burns
36/38	Irritation to the eyes and skin
37	Irritating to respiratory system
38	Irritating to the skin
39/23/24/25	Toxic danger of very serious irreversible effects through inhalation, if contact with skin and if swallowed
41	Risk of serious damage to eyes
48/22	Danger of serious damage to health by prolonged exposure if swallowed
67	Vapors may cause drowsiness and dizziness

Full text of H-statements referred to under section 2 and 3:

H225	Highly flammable liquid vapor.
H226	Flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes serious eye damage
H318	Causes severe eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H338	May cause drowsiness or dizziness
H370	Causes damage to organs
H373	May cause damage to organs through prolonged or repeated exposure

Further information:

This information is based on present levels of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The product is to be used exclusively for the applications named in the technical leaflet or in the processing instructions. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(this data for the hazardous ingredients were taken receptively from the last version of the subcontractor's and/or raw material manufacturer's safety data sheet.)

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