

Safety Data Sheet

SECTION 1: Identification

1.1 GHS Product identifier

Product name **Arctic Blast No-Freeze Cherry Foam Brush**
Product number **827**
Brand **Crown Chemical, Inc.**

1.2 Other means of identification

Arctic Blast

1.3 Recommended use of the chemical and restrictions on use

No-Freeze Cherry Foam Brush Detergent & Conditioner

1.4 Supplier's details

Name **Crown Chemical, Inc.**
Address **4701 W. 136th. St.
Crestwood, Illinois 60418
U.S.A.**
Telephone **708-371-6990**
Fax **708-371-6992**
email **info@crown-chem.com**

1.5 Emergency phone number

800-535-5053

SECTION 2: Hazard identification

General hazard statement

Keep away from heat, sparks, open flame, hot surfaces and other ignition sources. No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion -proof electrical, ventilation, lighting and other equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe fumes, mists, vapor or spray. Wash any exposed body parts thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective rubber gloves, protective clothing and chemical splash goggles when using this product.

In case of fire, use chemical foam to extinguish.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, dermal, Cat. 3
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



1. Skull and crossbones;



2. Health hazard;



3. Flame;



4. Exclamation mark

Signal word

Danger

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Hazard statement(s)

H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs [organs, route]
H225	Highly flammable liquid and vapor

Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands & skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352	IF ON SKIN: Wash with plenty of water/Take off immediately contaminated clothing and wash it before reuse. Call a poison control center or doctor for treatment advice if irritation persists.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor/...
P311	Call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P321	Specific treatment (see details on label).
P330	Rinse mouth.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents and container in accordance with all local, state, national and international regulations.

2.3 Other hazards which do not result in classification

None identified

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Flammable Mixture

Hazardous components

1. Methanol

Concentration	65 - 71 % (By Weight)
EC no.	200-659-6
CAS no.	67-56-1
Index no.	603-001-00-X

- Flammable liquids, Cat. 2
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, dermal, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

H225	Highly flammable liquid and vapor
H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs [organs, route]
SCLs/M-factors/ATEs	*
	STOT SE 1; H370: C ≥ 10 %
	STOT SE 2; H371: 3 % ≤ C < 10 %

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Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Move person to fresh air and keep comfortable for breathing. If breathing is irregular or respiratory difficulty occurs, provide artificial respiration or oxygen by trained medical personnel. Call a poison control center or doctor immediately for treatment advice.
In case of skin contact	Take off immediately all contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes, occasionally lifting the upper and lower eyelids.
If swallowed	Immediately call a poison center or physician. Rinse out mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Personal protective equipment for first-aid responders	Self-contained breathing apparatus.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Methanol: Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

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6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Eliminate all sources of ignition. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash hands with soap and water after handling. Container explosion may occur under fire conditions. Use explosion-proof equipment. Use only non-sparking tools. Keep away from sources of ignition. No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Methanol (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices
Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV® (Inhalation): 200 ppm (ACGIH)

TLV® (Inhalation): 250 ppm (ST) (ACGIH)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear protective rubber gloves, protective clothing and chemical splash goggles when using this product.

Skin protection

Wear protective gloves, such as nitrile gloves.

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Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

Physical state	Liquid
Appearance	Flammable Liquid
Color	Pink
Odor	Cherry
Odor threshold	No data available.
Melting point/freezing point	No data available.
Boiling point or initial boiling point and boiling range	No data available.
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	<70°F (full strength)
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	7.0±0.5
Kinematic viscosity	No data available.
Solubility	100% (in H ₂ O, 22°C)
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density (H ₂ O = 1.0)	<1.0
Relative vapor density	No data available.

Particle characteristics

No data available.

Further safety characteristics (supplemental)

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability

Stable under normal storage conditions.

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10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Methanol: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

Based on available data, classification data are not met

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Based on available data, classification data are not met

STOT-single exposure

Causes damage to organs.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure

Aspiration hazard

May be harmful if swallowed and enters airways

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Additional information

Methanol: *TOXICITY:
typ. dose mode specie amount units other
LDLo orl hmh 340 mg/kg
TCLo ihl hmh 86000 mg/m3
LDLo unr man 868 mg/kg
LD50 orl rat 5628 mg/kg
LC50 ihl rat 64000 ppm/4H
LD50 ipr rat 9540 mg/kg
LD50 orl mus 870 mg/kg
LCLo ihl mus 50 gm/m3/2H
LDLo ipr mus 120 mg/kg
LD50 scu mus 9800 mg/kg
LD50 ivn mus 5673 mg/kg
LDLo orl dog 7500 mg/kg
LDLo orl mky 7000 mg/kg
LCLo ihl mky 1000 ppm
LDLo skn mky 500 mg/kg
LCLo ihl cat 44000 mg/m3/6H
LDLo ivn cat 118 mg/kg
LDLo orl rbt 7500 mg/kg
LD50 skn rbt 20 gm/kg
LDLo orl man 13 gm/kg

*AQTX/TLM96: >1000 ppm

*SAX TOXICITY EVALUATION:

THR = A skin, eye irritant. A human inhalation IRRITANT. A human eye irritant. HIGH human oral; HIGH intraperitoneal, intravenous; MODERATE inhalation, oral, skin; LOW skin, oral, inhalation, intraperitoneal, subcutaneous. Methyl alcohol possesses distinct narcotic properties. Coma from massive exposures may last as long as 2-4 days.

*CARCINOGENICITY: Not available

*MUTATION DATA:

test lowest dose | test lowest dose

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available on product.

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SECTION 13: Disposal considerations

Product disposal

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

UN Number: UN 1993

Class: 3

Packing Group: II

Proper Shipping Name: UN 1993 Flammable Liquid, N.O.S. (Contains Methanol)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

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

SARA 313 Components

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.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

Massachusetts Right To Know Components

Methanol, CAS number: 67-56-1

Pennsylvania Right To Know Components

Methanol, CAS number: 67-56-1

New Jersey Right To Know Components

Methanol, CAS number: 67-56-1

California Prop. 65 Components

State of California to cause birth defects or other reproductive harm.

Methanol, CAS number: 67-56-1

03/16/2012 - Developmental toxicity

SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.