



FOSTER & COMPANY INC

Safety Data Sheet Dawn to Dusk

SECTION 1: Identification

1.1 Product identifier

Product name	Dawn to Dusk
Product number	838011
Brand	Chem Power

1.2 Other means of identification

Water Based Odor Control

1.3 Recommended use of the chemical and restrictions on use

Concentrated Odor Counteractant

1.4 Supplier's details

Name	Foster & Company Inc
Address	15 Wing Drive Cedar Knolls, NJ 07927 USA
Telephone	973-267-4100
Fax	973-267-9842
email	info@fostercomfg.com

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Eye damage/irritation (chapter 3.3), Cat. 1
- Sensitization, skin (chapter 3.4), Cat. 1
- Acute toxicity, oral (chapter 3.1), Cat. 4

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Warning

Hazard statement(s)

H318

Causes serious eye damage

H302

Harmful if swallowed

H317

May cause an allergic skin reaction

H373

May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P102

Keep out of reach of children.

P264

Wash ... thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

Wear protective gloves/protective clothing/eye protection

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P314

Get medical advice/attention if you feel unwell.

P302+P352

IF ON SKIN: Wash with plenty of water/...

P362+P364

Take off contaminated clothing and wash it before reuse.

P333+P313

If skin irritation or a rash occurs: Get medical advice/attention.

P301+P312

IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,

P330

Rinse mouth.

P391

Collect spillage.

P501

Dispose of contents/container to ...

2.3 Other hazards which do not result in classification

Contains small amounts of chemicals that are hazardous to health and the environment but in quantities too small to constitute any practical risks to health or the environment.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. ISOPROPANOL

Concentration

15 % (Weight)

Other names / synonyms

2-HYDROXYPROPANE; 2-PROPANOL; 2-PROPYL ALCOHOL; ALCOJEL; ALCOSOLVE; ALCOSOLVE 2; AVANTIN; AVANTINE; CHROMAR; COMBI-SCHUTZ; DIMETHYLCARBINOL; HARTOSOL; IMSOL A; ISOHOL; ISOPROPYL ALCOHOL; LUTOSOL; N-PROPAN-2-OL; PETROHOL; PRO; PROPAN-2-OL; PROPOL; reaction mass of: bis(1S,2S,4S)-(1-benzyl-4-tert-butoxycarboxamido-2-hydroxy-5-phenyl)pentylammonium succinate; SEC-PROPYL ALCOHOL; SPECTRAR; STERISOL HAND DISINFECTANT; TAKINEOCOL; UN 1219

EC no.

414-810-0

CAS no.

67-63-0

Index no.

607-403-00-6

- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 1

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H318	Causes serious eye damage
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

2. 1,2-PROPANEDIOL

Concentration 10 % (Weight)

Other names / synonyms

1,2-DIHYDROXYPROPANE; 1,2-PROPYLENE GLYCOL; ALPHA-PROPYLENEGLYCOL; DOWFROST; METHYL GLYCOL; METHYLETHYLENE GLYCOL; MONOPROPYLENE GLYCOL; PG 12; PROPANE-1,2-DIOL; PROPANEDIOL,1,2-; PROPYLENE GLYCOL; PROPYLENE GLYCOL USP; SIRLENE; SOLAR WINTER BAN; TRIMETHYL GLYCOL

CAS no. 57-55-6

3. NP-40 alternative

Concentration 7 % (Weight)

Other names / synonyms

Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-9016-45-9

CAS no.

4. WATER

Concentration 64 % (Weight)

Other names / synonyms

DIHYDROGEN OXIDE; h2o; HYDROGEN OXIDE; ICE; SNOW; STEAM; WATER, DISTILLED

CAS no. 7732-18-5

Trade secret statement (OSHA 1910.1200(i))

Fragrance trade secret 4-5%

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) 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

Dry powder Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

Hydrogen bromide gas. Container explosion may occur under fire conditions.

Further information

May intensify fire; oxidiser.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)

Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation. dust is formed. For precautions see section 2.2.

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7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 980 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

4. Isopropyl alcohol (CAS: 67-63-0)

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

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

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

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No data available

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Clear pale liquid
Odor	Pleasant odor
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	212
Flash point	None
Evaporation rate	Water =1; >1
Flammability (solid, gas)	N/A
Upper/lower flammability limits	
Upper/lower explosive limits	N/A
Vapor pressure	N/I
Vapor density	Air=1: >1
Relative density	
Solubility(ies)	Water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	Head space of containers could accumulate
flammable gas	
Oxidizing properties	Oxides of carbon

Other safety information

Incompatible with strong oxidizers

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid

Exposure to moisture.

Avoid storing in direct sunlight and avoid extremes of temperature.

10.5 Incompatible materials

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Bases, amines, alkali metals, metals, permanganates, e.g. potassium permanganate, fluorine, metal acetylides, hexalithium disilicide

Do not store near acids, Strong oxidizing agents, Carbon dioxide (CO₂)

10.6 Hazardous decomposition products

Oxides of carbon

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

ISOPROPANOL

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Risk of serious damage to eyes.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

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.

Reproductive toxicity

No data available

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Additional information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

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No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No specific information has been established regarding the product. However according to the conventional method of Directive 99/45/EC the product is classified as harmful to aquatic organisms, or causing long-term effects in the aquatic environment

SECTION 13: Disposal considerations

Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

Massachusetts Right To Know Components

Chemical name: Isopropyl alcohol (mfg-strong acid process)

CAS number: 67-63-0

New Jersey Right To Know Components

Common name: ISOPROPYL ALCOHOL

CAS number: 67-63-0

Pennsylvania Right To Know Components

Chemical name: 2-Propanol

CAS number: 67-63-0

New Jersey Right To Know Components

Common name: PROPYLENE GLYCOL

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CAS number: 57-55-6

Pennsylvania Right To Know Components

Chemical name: 1,2-Propanediol

CAS number: 57-55-6

HMIS Rating

Health	* 1
Flammability	0
Physical hazard	0
Personal protection	B

SECTION 16: Other information