



FOSTER & COMPANY INC

Safety Data Sheet Hydro Solv Aerosol

SECTION 1: Identification

1.1 Product identifier

Product name	Hydro Solv Aerosol
Product number	0190056
Brand	Chem Power

1.2 Other means of identification

Water based detergent

1.3 Recommended use of the chemical and restrictions on use

All purpose cleaner

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

1.5 Emergency phone number(s)

973-267-4100

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Flammable gases (chapter 2.2), Cat. 1
- Press. Gas
- Carc. 1A
- Muta. 1B

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2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H220	Extremely flammable gas
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H340	May cause genetic defects
H350	May cause cancer

Precautionary statement(s)

P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face 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.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	Eliminate all ignition sources if safe to do so.
P403	Store in a well ventilated place.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. WATER

Concentration	75 % (Volume)
Other names / synonyms	DIHYDROGEN OXIDE; h ₂ o; HYDROGEN OXIDE; ICE; SNOW; STEAM; WATER, DISTILLED
CAS no.	7732-18-5

2. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration	6 % (Volume)
Other names / synonyms	2-BUTOXY-1-ETHANOL; 2-BUTOXYETHANOL; 3-OXA-1-HEPTANOL; BUCS; BUTOXYETHANOL; BUTYL CELLOSOLVE; BUTYL GLYCOL;

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BUTYL OXITOL; DOWANOL EB; EKTASOLVE EB; Ethanol, 2-butoxy-; ETHYLENE GLYCOL N-BUTYL; ETHYLENEGLYCOLMONOBUTYLEETHER; GAFCOL EB; GLYCOL BUTYL ETHER; GLYCOL ETHER EB; GLYCOL ETHER EB ACETATE; GLYCOL MONOBUTYL ETHER; JEFFERSOL EB; MONOBUTYL ETHER OF ETHYLENE GLYCOL; MONOBUTYL GLYCOL ETHER; N-BUTOXYETHANOL; O-BUTYL ETHYLENE GLYCOL; POLY-SOLV EB; UN 2369

EC no. 203-905-0
CAS no. 111-76-2
Index no. 603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled

3. Sodium phosphate, tribasic

Concentration 5 % (Volume)

Other names / synonyms Pentasodium Triphosphate; Pentasodium Tripolyphosphate; Triphosphoric acid, sodium salt (1:5)

CAS no. 7758-29-4

4. Sodium silicate

Concentration 5 % (Volume)

Other names / synonyms Silicic acid, sodium salt; Sodium water glass

CAS no. 1344-09-8

5. Nonylphenoxy polyethoxyethanol

Concentration < 0 - < 2 % (Volume)

CAS no. 26207-38-3

6. Isobutane

Concentration 7 % (Volume)

Other names / synonyms and isobutane [2]; isobutane (containing $\geq 0,1$ % butadiene (203-450-8)) [2]; Propane, 2-methyl; Propane, 2-methyl-

EC no. 200-857-2

CAS no. 75-28-5

Index no. 601-004-01-8

- Flammable gases (chapter 2.2), Cat. 1
- Press. Gas
- Carcinogenicity (chapter 3.6), Cat. 1A
- Germ cell mutagenicity (chapter 3.5), Cat. 1B

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H220	Extremely flammable gas
H340	May cause genetic defects
H350	May cause cancer

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.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	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

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

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

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

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

Soak up with inert absorbent material (e.g. sand, silica gel). 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. 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. Contents under pressure. Storage class (TRGS 510): Gases

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 50 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

2. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 240 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

3. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 20 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

4. 2-Butoxyethanol (CAS: 111-76-2)

REL (Inhalation): 5 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Distribution, Workplace and Household Settings: Ensure adequate ventilation. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

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

Eye/face protection

Eye/Face Protection: None required with normal household use. Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

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

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.

Respiratory protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

Thermal hazards

No data available

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

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Information on basic physical and chemical properties

Appearance/form	Clear liquid
Odor	pleasant pine odor in aerosol can
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

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

Avoid storing in direct sunlight and avoid extremes of temperature.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/irritation

Causes serious eye irritation.

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Disposal of the product

Consult Federal, state and local authorities for guidance before any disposal of full cans or any gross amount of this product.

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Disposal of contaminated packaging

Do not incinerate or attempt to reuse aerosol cans. Evacuate to atmospheric pressure and wrap in paper for industrial waste disposal.

Waste treatment

Used dilute solutions of this product are not hazardous wastes as defined by RCRA. Very dilute solutions of this product are rapidly biodegradeable.

SECTION 14: Transport information

DOT (US)

UN Number: Not regulated by DOT

Class:

Packing Group:

Proper Shipping Name: Consumer Commodity Orm-d

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number:

Class:

Packing Group:

EMS Number:

Proper Shipping Name:

IATA

UN Number:

Class:

Packing Group:

Proper Shipping Name:

SECTION 15: Regulatory information

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

New Jersey Right To Know Components

Common name: 2-BUTOXY ETHANOL

CAS number: 111-76-2

Pennsylvania Right To Know Components

Chemical name: Ethanol, 2-butoxy-

CAS number: 111-76-2

Massachusetts Right To Know Components

Chemical name: Sodium phosphate, tribasic

CAS number: 7758-29-4

Pennsylvania Right To Know Components

Chemical name: Triphosphoric acid, pentasodium salt

CAS number: 7758-29-4

New Jersey Right To Know Components

Common name: ISOBUTANE

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CAS number: 75-28-5

Pennsylvania Right To Know Components

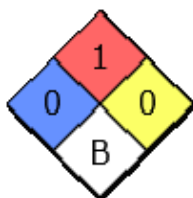
Chemical name: Propane, 2-methyl-

CAS number: 75-28-5

HMIS Rating

Hydro Solv Aerosol	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other information

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 [COMPANY NAME] 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 [COMPANY NAME] has been advised of the possibility of such damages.