

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Pro-Fit Clean
Product code : 3502

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Wet Cleaning Detergent
Recommended use : Dry/Wet Cleaning
Restrictions on use : For professional use only

1.3. Supplier

UNX-Christeyns
707 E Arlington Blvd.
Greenville, NC 27835
USA
T 252-756-8616 / 800.869.6171
www.unxchristeyns.com - info@unxchristeyns.com

1.4. Emergency telephone number

Emergency number : VELOCITY EHS (800) 255-3924 (24 HOURS)
(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--|------|-----------------------|
| Acute toxicity (oral) Category 4 | H302 | Harmful if swallowed |
| Serious eye damage/eye irritation Category 2B | H320 | Causes eye irritation |
| Hazardous to the aquatic environment – Acute Hazard Category 2 | H401 | Toxic to aquatic life |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H302 - Harmful if swallowed
H320 - Causes eye irritation
H401 - Toxic to aquatic life

Precautionary statements (GHS US) :

P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P273 - Avoid release to the environment.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330 - Rinse mouth.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % |
|--|---------------------|------|
| Alcohols, C10-16, Ethoxylated | CAS-No.: 68002-97-1 | 7-13 |
| (2-Methoxymethylethoxy)propanol | CAS-No.: 34590-94-8 | 3-7 |
| Alcohols (c12-15 Ln. Saturated) Ethoxylate | CAS-No.: 68131-39-5 | 1-5 |
| Isopropyl Alcohol | CAS-No.: 67-63-0 | 1-5 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Seek medical attention if ill effect develops.
First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. Gently wash with plenty of soap and water.
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion : If you feel unwell, seek medical advice. Rinse mouth out with water. Do not induce vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms : Harmful if swallowed.
Symptoms/injuries after skin contact : May cause skin irritation.
Symptoms/injuries after eye contact : Causes eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. Protective gloves. Safety glasses.

6.2. Environmental precautions

Avoid release to the environment. Collect all waste in suitable and labeled containers and dispose according to local legislation.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container. Flush spill area with water spray.

6.4. Reference to other sections

Concerning personal protective equipment to use, see item 8. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Use appropriate personal protection equipment (PPE).

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep in original containers. Keep locked up and out of the reach of children.

Storage temperature : > 5 – < 50 °C

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

(2-Methoxymethylethoxy)propanol (34590-94-8)

USA - ACGIH - Occupational Exposure Limits

| | |
|------------|---|
| Local name | Dipropylene glycol methyl ether (DPGME) |
|------------|---|

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| (2-Methoxymethylethoxy)propanol (34590-94-8) | |
|---|---------------------------------|
| ACGIH OEL TWA | 100 ppm |
| ACGIH OEL STEL | 150 mg/m ³ |
| Remark (ACGIH) | TLV® Basis: Liver & CNS eff |
| Regulatory reference | ACGIH 2024 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Dipropylene glycol methyl ether |
| OSHA PEL TWA | 600 mg/m ³ |
| | 100 ppm |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| USA - NIOSH - Occupational Exposure Limits | |
| NIOSH REL (TWA) | 600 mg/m ³ |
| | 150 ppm |
| NIOSH REL (STEL) | 900 mg/m ³ |
| Isopropyl Alcohol (67-63-0) | |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 200 ppm |
| ACGIH OEL STEL | 400 ppm |
| Remark (ACGIH) | Eye & URT irr; CNS impair |
| USA - OSHA - Occupational Exposure Limits | |
| OSHA PEL TWA | 980 mg/m ³ |
| | 400 ppm |

8.2. Appropriate engineering controls

Appropriate engineering controls : No particular/specific measures required.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Other information:

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Light amber liquid
Odor : Citrus Fragrance
Odor threshold : No data available
pH : $\geq 7.5 - \leq 8.5$
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : $> 93\text{ }^{\circ}\text{C}$

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|---|---------------------|
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Density | : 0.998 g/ml |
| Solubility | : No data available |
| Log Pow | : No data available |
| Autoignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|-------------------------|
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Alcohols, C10-16, Ethoxylated (68002-97-1)

| | |
|--------------------|----------|
| LD50 dermal rabbit | > 2 g/kg |
|--------------------|----------|

(2-Methoxymethylethoxy)propanol (34590-94-8)

| | |
|---------------|-----------|
| LD50 oral rat | 5.35 g/kg |
|---------------|-----------|

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

(2-Methoxymethylethoxy)propanol (34590-94-8)

| | |
|--------------------|----------|
| LD50 dermal rabbit | 9.5 g/kg |
|--------------------|----------|

Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)

| | |
|--------------------|---|
| LD50 oral rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)) |
| LD50 dermal rabbit | 2000 mg/kg |

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Not classified pH: $\geq 7.5 - \leq 8.5$ |
| Serious eye damage/irritation | : Causes eye irritation. pH: $\geq 7.5 - \leq 8.5$ |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

Isopropyl Alcohol (67-63-0)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

| | |
|-----------------------|------------------|
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |

Isopropyl Alcohol (67-63-0)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

| | |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
|------------------------|------------------|

Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)

| | |
|--------------------------|--|
| NOAEL (oral,rat,90 days) | ≥ 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
|--------------------------|--|

| | |
|---|-------------------------------------|
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Likely routes of exposure | : Skin and eye contact. Inhalation. |
| Potential Adverse human health effects and symptoms | : Harmful if swallowed. |
| Symptoms/injuries after skin contact | : May cause skin irritation. |
| Symptoms/injuries after eye contact | : Causes eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity

Alcohols, C10-16, Ethoxylated (68002-97-1)

| | |
|----------------------|----------------------|
| LC50 - Fish [1] | 1 – 10 mg/l 96 Hours |
| EC50 - Crustacea [1] | 1 – 10 mg/l 48 Hours |
| ErC50 algae | 1 – 10 mg/l 72 hours |

Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)

| | |
|----------------------|--|
| LC50 - Fish [1] | 3.3 mg/l Source: ECOTOX |
| EC50 - Crustacea [1] | 1.2 mg/l Test organisms (species): Daphnia magna |
| LC50 - Fish [2] | 1.2 mg/l Test organisms (species): Cyprinus carpio |
| EC50 - Crustacea [2] | 1.4 mg/l Test organisms (species): Daphnia magna |

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.2. Persistence and degradability

Pro-Fit Clean

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Alcohols, C10-16, Ethoxylated (68002-97-1)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

(2-Methoxymethylethoxy)propanol (34590-94-8)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

Isopropyl Alcohol (67-63-0)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

| | |
|---------------------------------|------------------------------------|
| Biochemical oxygen demand (BOD) | 1.19 g O ₂ /g substance |
|---------------------------------|------------------------------------|

| | |
|------------------------------|------------------------------------|
| Chemical oxygen demand (COD) | 2.23 g O ₂ /g substance |
|------------------------------|------------------------------------|

| | |
|------|-----------------------------------|
| ThOD | 2.4 g O ₂ /g substance |
|------|-----------------------------------|

| | |
|-----------------|-------------|
| BOD (% of ThOD) | 0.49 % ThOD |
|-----------------|-------------|

12.3. Bioaccumulative potential

Alcohols, C10-16, Ethoxylated (68002-97-1)

| | |
|---------------------------|--------------------|
| Bioaccumulative potential | No data available. |
|---------------------------|--------------------|

Isopropyl Alcohol (67-63-0)

| | |
|---------|-------------------------|
| Log Pow | 0.05 Experimental value |
|---------|-------------------------|

12.4. Mobility in soil

Isopropyl Alcohol (67-63-0)

| | |
|-----------------|-----------|
| Surface tension | 0.021 N/m |
|-----------------|-----------|

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

| | |
|------------------------------|---|
| Regional legislation (waste) | : Avoid unauthorized disposal. Do not dump into any body of water. Comply with federal, state/provincial and local laws/regulations. Do not reuse empty containers. |
| Waste treatment methods | : Do not allow the product to contaminate any body of water. Refer to Section 8 for personal protection equipment. |

SECTION 14: Transport information

In accordance with DOT

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

14.1. UN number

DOT NA No : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT
Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name | CAS-No. | Listing | Commercial status | Flags |
|--|------------|---------|-------------------|-------|
| Alcohols, C10-16, Ethoxylated | 68002-97-1 | Present | Active | XU |
| (2-Methoxymethylethoxy)propanol | 34590-94-8 | Present | Active | |
| Alcohols (c12-15 Ln. Saturated) Ethoxylate | 68131-39-5 | Present | Active | XU |
| Isopropyl Alcohol | 67-63-0 | Present | Active | |

Isopropyl Alcohol (67-63-0)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Pro-Fit Clean

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Full text of H-phrases | |
|------------------------|-----------------------|
| H302 | Harmful if swallowed |
| H320 | Causes eye irritation |
| H401 | Toxic to aquatic life |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.