1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier
Product name PROSALL UNITECH UNIVERSAL CLEANER
Chemical name 7-7816-2

Other means of identification
Product code FG 433-1112-9
Synonyms General purpose cleaner

Recommended use of the chemical and restrictions on use
Recommended Use Various types of surfaces.
Uses advised against DO NOT USE ON FLOORS

Details of the supplier of the safety data sheet
Supplier Address ProsALL Products a Division of Chase Products Co.
P.O. Box 7502
Westchester, IL 60154

Manufacturer Address Chase Products Co.
2727 Gardner Road
Brookview, IL 60155
708-273-1121

Emergency Telephone Number
Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-813-248-0585

2. Hazards Identification

Classification

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>FLAMMABLE AEROSOLS</td>
<td>Category 2</td>
</tr>
<tr>
<td>Gases Under Pressure</td>
<td>liquefied gas</td>
</tr>
</tbody>
</table>

Label Elements

EMERGENCY OVERVIEW

Warning

hazard statements
HARMFUL IF INHALED
Causes serious eye irritation
Flammable Aerosol
Contains gas under pressure; may explode if heated

Appearance Clear liquid that will be
Physical State Aerosol
Precautionary Statements - Prevention
Avoid breathing fumes, mist, vapors or spray. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Wear eye protection. Keep away from heat, sparks, open flames and hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Precautionary Statements - Storage
Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C (122 °F).

Hazards not otherwise classified (HNOC)
Other Information
• Causes mild skin irritation

3. Composition/information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>weight-%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>90-95</td>
<td>*</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>N-Butane</td>
<td>106-97-8</td>
<td>1-5</td>
<td>*</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>&lt;1</td>
<td>*</td>
</tr>
</tbody>
</table>

Chemical Additions: Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinogens are listed when present at 0.1% or greater.

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact
Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

inhalation
If overcome by vapor, move person to fresh air. Restore respiration if necessary. Get medical attention if injury develops.
INGESTION

Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms

Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches. Prolonged and repeated contact with the eyes may cause mild irritation. Chronic: 2-butoxyethanol may cause hemolysis of the blood cells leading to possible liver and kidney damage.

Indication of any immediate medical attention and special treatment needed

Note to physicians

None needed.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media

Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products

Thermal decomposition may release carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact: Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge: Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use with adequate general or local exhaust ventilation.

For emergency responders

Remove all sources of ignition.

Environmental Precautions

Environmental Precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Methods for cleaning up

Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling

Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

Conditions for safe storage, including any incompatibilities

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Storage Conditions
Store in a cool, dry place away from heat and open flame. Keep out of reach of children. AEROSOL STORAGE LEVEL I (NFPA-30B).

Incompatible Materials
Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines
See occupational exposure limits listed below.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol</td>
<td>TWA: 20 ppm</td>
<td>TWA: 50 ppm</td>
<td>IDLH: 700 ppm</td>
</tr>
<tr>
<td>111-76-2</td>
<td>TWA: 25 ppm</td>
<td>TWA: 240 mg/m³</td>
<td>TWA: 5 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 25 ppm</td>
<td>TWA: 120 mg/m³</td>
<td>TWA: 24 mg/m³</td>
</tr>
<tr>
<td></td>
<td>(vacated) S*</td>
<td>(vacated) S*</td>
<td></td>
</tr>
<tr>
<td>N-Butane</td>
<td>STEL: 1000 ppm</td>
<td>(vacated) TWA: 800 ppm</td>
<td>TWA: 800 ppm</td>
</tr>
<tr>
<td>106-97-8</td>
<td></td>
<td>(vacated) TWA: 1900 mg/m³</td>
<td>TWA: 1900 mg/m³</td>
</tr>
<tr>
<td>Diacetone alcohol</td>
<td>TWA: 50 ppm</td>
<td>TWA: 50 ppm</td>
<td>IDLH: 1800 ppm</td>
</tr>
<tr>
<td>123-42-2</td>
<td></td>
<td>TWA: 240 mg/m³</td>
<td>TWA: 50 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 240 mg/m³</td>
<td>TWA: 240 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>IDLH: 2100 ppm</td>
</tr>
<tr>
<td>74-98-6</td>
<td></td>
<td>TWA: 1800 mg/m³</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 1800 mg/m³</td>
<td>TWA: 1800 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls
Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection
Conventional eyeglasses to guard against splashing.

Skin and Body Protection
Household type gloves, if desired.

Respiratory protection
None required if used in a well-ventilated area.

General hygiene considerations
Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear liquid that will be aerosolized.</td>
<td>Perfumed.</td>
</tr>
<tr>
<td>Color</td>
<td>clear</td>
<td>Odor threshold</td>
</tr>
<tr>
<td>pH</td>
<td>10.2 +/- 0.5</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Water 212 °F/100 °C</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120 F may cause cans to burst.</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Faster than butyl acetate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Not available</td>
<td>No information available</td>
</tr>
<tr>
<td>Upper flammability limits</td>
<td>Not available</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Odor threshold
No information available
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10. Stability and Reactivity

Reactivity
Not applicable

Chemical stability
Stable.

Possibility of hazardous reactions
Temperatures above 130 °F may cause cans to burst with force.

- hazardous polymerization
  Hazardous polymerization does not occur.

Conditions to Avoid
Temperatures above 122 °F (50 °C).

Incompatible Materials
Avoid heat, open flame and contact with strong oxidizers.

Hazardous decomposition products
Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product Information
Primary routes of entry: Eye contact, skin contact, inhalation, ingestion (possible, but consider unlikely).

- inhalation
  Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

Eye Contact
Can cause irritation after contact with eyes.

Skin contact
May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.

INGESTION
This is an aerosol product, ingestion is unlikely to occur. 2-Butoxyethanol may cause red blood cell hemolysis and possible liver and kidney damage.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>&gt; 90 mL/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Chemical</td>
<td>Algae/aquatic plants</td>
<td>Fish</td>
<td>Toxicity to Microorganisms</td>
</tr>
<tr>
<td>----------</td>
<td>----------------------</td>
<td>------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50</td>
<td>1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50</td>
<td>1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50</td>
</tr>
</tbody>
</table>

### Information on toxicological effects

**Symptoms**

Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**

May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.

**Serious eye damage/eye irritation**

Can cause irritation after contact with the eyes.

**Corrosivity**

Not applicable.

**Sensitization**

No a skin sensitizer.

**Germ Cell Mutagenicity**

No information available.

**Carcinogenicity**

Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

**Reproductive Toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration Hazard**

Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

### Numerical measures of toxicity - Product Information

**Unknown acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document.

- ATEmix (oral) 12113 mg/kg
- ATEmix (dermal) 28351 mg/kg
- ATEmix (inhalation-gas) 18017 mg/l
- ATEmix (inhalation-dust/mist) 38.7 mg/l
- ATEmix (inhalation-vapor) 8465 mg/l

### 12. Ecological Information

This product does not contain marine pollutants.

**Ecotoxicity**

3.92% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.
<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>0.81</td>
</tr>
<tr>
<td>N-Butane 106-97-8</td>
<td>2.89</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>2.3</td>
</tr>
</tbody>
</table>

Other adverse effects  
No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes  
Dispose of in accordance with federal, state and local regulations.

Contaminated packaging  
Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

14. Transport Information

DOT  
Limited quantity (LQ) General purpose cleaner

UN/ID no  
UN1950

Proper Shipping Name  
Limited quantity (LQ)

Hazard Class  
2.1

Marine pollutant  
This product does not contain marine pollutants.

15. Regulatory information

International Inventories  

TSCA  
All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL  
All ingredients are listed or are excluded from listing on the DSL.

Legend:  
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations  

SARA 313  
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Butoxyethanol - 111-76-2</td>
<td>111-76-2</td>
<td>1-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories  

Acute Health Hazard  
yes
Chronic Health Hazard  No
Fire Hazard  No
Sudden release of pressure hazard  No
Reactive Hazard  No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water 7732-18-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-Butoxyethanol 111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>N-Butane 106-97-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Propane 74-98-6</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label information
EPA Pesticide registration number  Not applicable

16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards 1</th>
<th>Flammability 1</th>
<th>Instability 1</th>
<th>Physical and chemical properties</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazards 1</td>
<td>Flammability 2</td>
<td>Physical Hazards 1</td>
<td>Personal Protection</td>
<td>B - Eyes and hands protection</td>
</tr>
</tbody>
</table>

Prepared by  Regulatory Department
Issue date  19-May-2015
Revision note  This SDS supersedes a previous MSDS dated May 13, 2014.
Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet