



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|--------------------------------------|--|
| Product Name | UNO S F |
| Product Identifier | 53-G 023 (500ml), 53-G 016 (5L), 53-G 017 (20L), 53-G 018 (208L) |
| MSDS No. | L-48E |
| Product Family | UNO cleaner and degreaser family |
| Manufacturer / Supplier | J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com |
| Emergency Contact Information | CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 Hours / 7 Days |
| Use | High strength alkaline cleaner and degreaser, foamless formulation. |

2. HAZARDS IDENTIFICATION

WHMIS Classification



Class D2B
D2B - Toxic (Skin irritant; Eye irritant)

Potential Health Effects

| | |
|--|---|
| Route of Exposure | Inhalation; skin contact; eye contact; ingestion. |
| Inhalation | Can irritate the nose and throat. |
| Skin Contact | May cause mild irritation. |
| Eye Contact | May cause mild irritation. |
| Carcinogenicity | Not a carcinogen. |
| Teratogenicity / Embryotoxicity | Does not harm the unborn child. |
| Reproductive Toxicity | Not a reproductive hazard. |
| Mutagenicity | Not a mutagen. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

4. FIRST AID MEASURES

First Aid Procedures

| | |
|---------------------|---|
| Inhalation | Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell. |
| Skin Contact | Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately flush with lukewarm, gently flowing water for at least 30 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If irritation or pain persists, see a doctor. |
| Eye Contact | Quickly and gently blot or brush chemical off the face. Immediately flush the contaminated eye (s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. If irritation or pain persists, see a doctor. |
| Ingestion | Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell. |

5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------|---|
| Flammable Properties | Does not burn. |
| Suitable Extinguishing Media | Not combustible. Use extinguishing agent suitable for surrounding fire. |

| | |
|--|---|
| Unsuitable Extinguishing Media | None known. |
| Specific Hazards Arising from the Chemical | This product presents no unusual hazards in a fire situation. |
| Protective Equipment and Precautions for Firefighters | No special precautions are necessary. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Personal Precautions | Use the Personal Protective Equipment recommended in Section 8 of this MSDS. |
| Environmental Precautions | It is good practice to prevent releases into the environment. |
| Methods for Containment and Clean-up | Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Contaminated absorbent poses the same hazard as the spilled product. Large spills or leaks: remove or recover liquid using pumps or vacuum equipment. Flush spill area. Dike and recover contaminated water for appropriate disposal. Review Section 13 (Disposal Considerations) of this MSDS. |

7. HANDLING AND STORAGE

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|-----------------|---|
| Handling | Only use where there is adequate ventilation. Prevent accidental contact with incompatible chemicals. Keep containers tightly closed when not in use or empty. Wear personal protective equipment to avoid direct contact with this chemical. |
| Storage | Store in an area that is: cool, dry, well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Protect from freezing. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--|--|
| Engineering Controls | Mechanical ventilation is recommended for all indoor situations. Well designed and well-maintained ventilation systems remove vapours, fumes, mists from the workplace. |
| Personal Protective Equipment (PPE) | |
| Eye/Face Protection | Wear chemical safety goggles when contact is possible. |
| Skin Protection | Avoid repeated or prolonged skin contact. Wear chemical protective clothing e.g. gloves, Suitable materials are: Nitrile gloves 0.4 mm thick, permeation time 480 minutes. |
| Respiratory Protection | Not usually required when working with small quantities. Do not breathe in this product. Wear respiratory protection if ventilation is inadequate. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|----------------|
| Physical State | Liquid |
| Appearance | Light pink. |
| Odour | Faint |
| Boiling Point | 98 °C (208 °F) |
| Freezing Point | 0 °C (32 °F) |
| Solubility in Water | Soluble. |
| pH (100g/kg H₂O) | < 12 |
| Relative Density (water=1) | 1.04 g/ml |
| Vapour Density | N/Av |
| Lower Flammable explosive limit | Not applicable |
| Upper Flammable explosive limit | Not applicable |
| Auto-ignition temperature | Not applicable |
| VOC (g/L): | 0 |

10. STABILITY AND REACTIVITY

| | |
|--------------------------------|---------------------------------------|
| Chemical Stability | Normally stable |
| Conditions to Avoid | None known. |
| Incompatible Materials | Strong acids (e.g. hydrochloric acid) |
| Hazardous Decomposition | None known |

Products
Possibility of Hazardous Reactions None know

11. TOXICOLOGICAL INFORMATION

Skin Irritation / Corrosion

May cause mild irritation based on information for closely related chemicals.

Eye Irritation / Corrosion

May cause mild irritation based on information for closely related chemicals.

Effects of Short-Term (Acute) Exposure

Inhalation

At high concentrations: May cause nose and throat irritation.

Ingestion

May cause irritation of the mouth, throat and stomach.

Effects of Long-Term (Chronic) Exposure

At high concentrations: irritation of the respiratory system if inhaled.

Carcinogenicity

IARC: NTP: OSHA: Not specifically listed. ACGIH®: Not specifically designated.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program OSHA =US Occupational Safety and Health Administration.

Teratogenicity / Embryotoxicity

Does not cause harm to the unborn child.

Reproductive Toxicity

Not a reproductive hazard.

12. ECOLOGICAL INFORMATION

General Comments

Behaviour in sewage plants: the product does not cause any disruption of sewage plants. The surfactants in the product are >90% biodegradable. Contains no phosphate. According to the formula, contains no Adsorbable Organic Halogen (AOX).

Ecotoxicity

Studies were not located.

Persistence and

Degradability

No information was located.

Bioaccumulation /

Accumulation

No information was located.

Mobility

Studies are not available.

13. DISPOSAL CONSIDERATIONS

Eliminate while respecting municipal, provincial and federal regulations. Consider pH value.

14. TRANSPORT INFORMATION

Shipping Information

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Other Transport Information

Special Shipping Information Not applicable

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL)

All ingredients are listed on the DSL.

CEPA - National Pollutant Release Inventory (NPRI)

Not specifically listed.

USA

US OSHA Regulatory Status

This material is considered controlled by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are exempt from TSCA Inventory requirements.

Additional USA Regulatory Lists

CERCLA: None

SARA Title III - Section 302: None

SARA Title III - Section 311/312: None

New Jersey Right To Know: None.

Section 112: Hazardous Air Pollutants (HAPS): None

16. OTHER INFORMATION

MSDS Prepared By Product Manager, Environmental and MRO Solutions

Phone No. 1-888-592-5837

Date of Preparation January 31, 2012