# SAFETY DATA SHEET

**FaST 365 Neutral pH Daily Cleaner**

*Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Directives*

## 1. PRODUCT IDENTIFICATION

| | |
|---|---|
| **1.1 TRADE NAME (AS LABELED):** | ***FaST 365 Neutral pH Daily Cleaner*** |
| SYNONYMS: | Amphoteric Detergent |
| CAS#: | Mixture |
| PRODUCT NUMBER: | 1017015 |
| **1.2 PRODUCT USE:** | Commercial Detergent |
| CHEMICAL SHIPPING NAME/CLASS: | Non-Regulated Material |
| U.N. NUMBER: | None |
| **1.3 NORTH AMERICA:** | |
| MANUFACTURER'S NAME: | **Tennant Company** |
| ADDRESS: | 701 North Lilac Drive, P.O. Box 1452, Minneapolis, MN 55440-1452 |
| BUSINESS PHONE: | 1-763-540-1200 |
| **1.4 EUROPE:** | |
| MANUFACTURER'S NAME: | **Tennant Benelux N.V.** |
| ADDRESS: | Roderveldaan 3, 2600 Antwerpen, Belgium |
| BUSINESS PHONE: | +32-3-2179411 |
| EMERGENCY PHONE: | 800-424-9300 (Chemtrec U.S. – 24 Hrs)<br>1-703-527-3887 (Chemtrec International – 24 Hrs) |
| EMAIL: | info@tennantco.com |
| DATE OF CURRENT REVISION: | June 5, 2015 |
| DATE OF LAST REVISION: | November 8, 2012 |

## 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a light to dark amber liquid with a slight odor.
**Health Hazards:** Repeated or prolonged exposure may cause irritation to skin. May cause serious irritation to eyes upon contact. May be harmful if swallowed.
**Flammability Hazards:** This product is a combustible liquid with a flash point of >200°F (>93.3°C)
**Reactivity Hazards:** None known
**Environmental Hazards:** The Environmental effects of this product have not been investigated. Release of this product may have significant adverse effects in the aquatic environment.

| US DOT SYMBOLS | CANADA (WHMIS) SYMBOLS | EUROPEAN and (GHS) Hazard Symbols |
|---|---|---|
| Non-Regulated Material | Complies with WHMIS 2015 | |

Signal Word: **Danger!**

**2.1 GHS LABELING AND CLASSIFICATION:**

CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**
**Index Number:**
**EC# 500-220-1 This substance is not classified in the Annex VI of Directive 67/548/EEC**
**EC# 239-032-7 This substance is not classified in the Annex VI of Directive 67/548/EEC**
**CAS# 24938-91-8 is not listed in ESIS**
**EC# 231-791-2 This substance is not classified in the Annex VI of Directive 67/548/EEC**
Substances not listed either individually or in group entries must be self classified.

**Component(s) Contributing to Classification(s)**

Alkyl Ester of Corn Sugar, Sodium Lauriminodipropionate, Polyoxyethylene Tridecyl Ether

**2.2 LABEL ELEMENTS:**

**GHS Hazard Classification(s):**

Skin Corrosion/Irritation 2
Serious Eye Damage/Eye Irritation Category 1

**Hazard Statement(s):**

H315: Causes skin irritation
H318: Causes serious eye damage

**Precautionary Statement(s):**

P260: Do not breathe dust/fume/vapor/mist/spray
P264: Wash thoroughly after handling.
P281: Use personal protective equipment as required.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1999/45/EC:**

[Xn] Harmful

**Risk Phrases:**

R41: Risk of serious damage to eyes

**Safety Phrases:**

S24/25: Avoid contact with skin and eyes
S39: Wear suitable eye/face protection

**2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin or eyes, inhalation and ingestion. The symptoms of overexposure are described below.

**ACUTE:**

**INHALATION:** Inhalation may cause respiratory irritation.

**CONTACT WITH SKIN:** May cause irritation with redness.

**EYE CONTACT:** Contains materials which can cause severe eye irritation with possible tissue damage. Contact lenses should not be worn when using this product.

**INGESTION:** Under normal conditions of intended use, this material is not expected to be an ingestion hazard. Ingestion may cause burning of the gastrointestinal tract.

**CHRONIC**: None known

**TARGET ORGANS: Acute:** Skin, Eyes **Chronic:** None known

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Hazardous Ingredients: | WT% | CAS# | EINECS # | Hazard Classification | Risk Phrases |
|---|---|---|---|---|---|
| Alkyl Ether of Corn Sugar (C8-C10 | 5 – 20% | 68515-73-1 | 500-220-1 | ]Xn] Harmful | R41 |
| Sodium Lauriminodipropionate | 15 - 25% | 14960-06-6 | 239-032-7 | ]Xn] Harmful | R41 |
| Polyoxyethylene Tridecyl Ether | 1 – 5% | 24938-91-8 | Not Listed in ESIS | ]Xn] Harmful | R41 |
| Water | BALANCE | 7732-18-5 | 231-791-2 | None | Not Classified |
| Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers). | | | | | |

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard *JIS Z 7250: 2000*.

## 4. FIRST-AID MEASURES

**4.1 DESCRIPTION OF FIRST AID MEASURES:**

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation or blurred vision occurs.

**SKIN CONTACT:** Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**
None known
**4.3 RECOMMENDATIONS TO PHYSICIANS:**
Treat symptoms and eliminate overexposure.

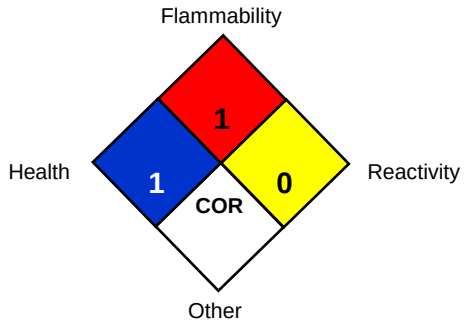
## 5. FIRE-FIGHTING MEASURES

**5.1 FIRE EXTINGUISHING MATERIALS:**
**FIRE EXTINGUISHING MATERIALS:** Use fire extinguishing methods below:

| | |
|---|---|
| Water Spray: No | Carbon Dioxide: Yes |
| Foam: Yes | Dry Chemical: Yes |
| Halon: Yes | Other: Any "C" Class |

**5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:**
None known
Explosion Sensitivity to Mechanical Impact: No
Explosion Sensitivity to Static Discharge: No
**5.3 SPECIAL FIRE-FIGHTING PROCEDURES:**
Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**NFPA RATING SYSTEM**




**HMIS RATING SYSTEM**

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM**

| | |
|---|---|
| HEALTH HAZARD (BLUE) | 1 |
| FLAMMABILITY HAZARD (RED) | 1 |
| PHYSICAL HAZARD (YELLOW) | 1 |

**PROTECTIVE EQUIPMENT**

| EYES | RESPIRATORY | HANDS | BODY |
|---|---|---|---|
| | See Sect 8 | | See Sect 8 |

For Routine Industrial Use and Handling Applications

**Hazard Scale:** **0** = Minimal **1** = Slight **2** = Moderate **3** = Serious **4** = Severe * = Chronic hazard

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**
See section 8.2 for Exposure Controls.
**6.2 ENVIRONMENTAL PRECAUTIONS:**
None known
**6.3 SPILL AND LEAK RESPONSE:**
Stop the flow of material, if this can be done safety. Dike and contain the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate, transfer the liquid and solid diking material to containers for disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

## 7. HANDLING and STORAGE

**7.1 PRECAUTIONS FOR SAFE HANDLING:**

Use good hygiene practices. As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices.

**7.2 STORAGE AND HANDLING PRACTICES:**

Store in original container. Keep container closed. Store in a cool, dry location. Avoid exposure to incompatible materials. Store inside in a cool (below 100°F or 37.5ºC), dry place.

**7.3 SPECIFIC USES:**

See section 1.2 for details.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**8.1 EXPOSURE PARAMETERS:**

| Chemical Name | CAS# | ACGIH TLV | OSHA TWA |
|---|---|---|---|
| Alkyl Ether of Corn Sugar (C8-C10 | 68515-73-1 | Not listed | Not Listed |
| Sodium Lauriminodipropionate | 14960-06-6 | Not listed | Not Listed |
| Polyoxyethylene Tridecyl Ether | 24938-91-8 | Not listed | Not Listed |
| Water | 7732-18-5 | Not listed | Not Listed |

**8.2 EXPOSURE CONTROLS:**

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** Maintain airborne contaminant concentrations below guidelines listed above. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses or chemical splash goggles are recommended to avoid contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**HAND PROTECTION:** Chemical resistant gloves are recommended to prevent contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**BODY PROTECTION:** Use as appropriate to prevent skin contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## 9. PHYSICAL and CHEMICAL PROPERTIES

**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE (Physical State) and COLOR:** This product is a light to dark amber liquid with a slight odor.
**ODOR:** None
**ODOR THRESHOLD:** Not Available
**pH:** 7.0 (Concentrate) 7.5 – 8.5 (As used)
**MELTING/FREEZING POINT:** 32°F (0°C)
**BOILING POINT:** 212°F (100°C)
**FLASH POINT:** >200°F (>93.3°C)
**EVAPORATION RATE (n-BuAc=1):** >1
**FLAMMABILITY (SOLID, GAS):** Not Applicable
**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Available
**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** Not Available

**VAPOR DENSITY:** Heavier than air
**RELATIVE DENSITY:** Not Available
**DENSITY:** 1.0 kg/L
**SOLUBILITY IN WATER:** Soluble
**WEIGHT PER GALLON:** Not Available
**PARTITION COEFFICENT (n-octanol/water):** Not Available
**AUTO-IGNITION TEMPERATURE:** Not Available
**DECOMPOSITION TEMPERATURE:** Not Available
**VISCOSITY:** Not Available
**VOC g/l / Lb/gal:** 0/0
**9.2 OTHER INFORMATION:**
No additional information available

## 10. STABILITY and REACTIVITY

**10.1 REACTIVITY:**
This product is not reactive.
**10.2 STABILITY**:
Stable under conditions of normal storage and use.
**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**:
Will not occur.
**10.4 CONDITIONS TO AVOID:**
Incompatible materials, excessive heat.
**10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**
Strong oxidizing agents and bases.
**10.6HAZARDOUS DECOMPOSITION PRODUCTS:**
Thermal decomposition products include carbon dioxide, carbon monoxide in varying quantities and/or nitric oxide.

## 11. TOXICOLOGICAL INFORMATION

**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**
**TOXICITY DATA:**
No LD50 Data Available
**SUSPECTED CANCER AGENT:** None of the ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.
**IRRITANCY OF PRODUCT:** This product may be irritating to skin and eyes
**SENSITIZATION TO THE PRODUCT:** This product is not a sensitizer
**REPRODUCTIVE TOXICITY INFORMATION:** No information concerning the effects of this product and its components on the human reproductive system.

## 12. ECOLOGICAL INFORMATION

**12.1 TOXICITY:**
No toxicity data available.
**12.2 PERSISTENCE AND DEGRADABILITY:**
No specific data available on this product.
**12.3 BIOACCUMULATIVE POTENTIAL:**
No specific data available on this product.
**12.4 MOBILITY IN SOIL:**
No specific data available on this product.
**12.5 RESULTS OF PBT ANDvPvB ASSESSMENT:**
No specific data available on this product.
**12.6 OTHER ADVERSE EFFECTS:**
This product may cause harm to plants, animals or aquatic life.
ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**12.7 WATER ENDANGERMENT CLASS:**
Not water endangering in accordance with EU Guideline 91/155-EWG.
**12.8 SPECIFIC AVAILABLE COMPONENT INFORMATION:**
No additional data available

## 13. DISPOSAL CONSIDERATIONS

**13.1 WASTE TREATMENT METHODS:**
Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.
**13.2 EU Waste Code:**
Not determined

## 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:
**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

| | |
|---|---|
| **14.1 PROPER SHIPPING NAME:** | Non-Regulated Material |
| **14.2 HAZARD CLASS NUMBER and DESCRIPTION:** | None |
| **14.3 UN IDENTIFICATION NUMBER:** | None |
| **14.4 PACKING GROUP:** | None |
| **14.5 DOT LABEL(S) REQUIRED:** | None |

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:** None
**RQ QUANTITY:** None
**14.6 MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).
**14.7 SPECIAL PRECAUTIONS FOR USER:**
None
**14.8 INTERNATIONAL TRANSPORTION:**
INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.
INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.
**14.9 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:**
EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

## 15. REGULATORY INFORMATION

**15.1 UNITED STATES REGULATIONS:**
**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.
**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.
**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None
**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted form listing.
**OTHER U.S. FEDERAL REGULATIONS:** None
**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** Ingredients within this product are not on the Proposition 65 Lists.
**15.2 CANADIAN REGULATIONS:**
**CANADIAN DSL/NDSL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.
**OTHER CANADIAN REGULATIONS:** Not applicable.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Complies with WHMIS 2015

**15..3 EUROPEAN ECONOMIC COMMUNITY INFORMATION**:

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.
See Section 2 for full Details

**15.4 AUSTRALIAN INFORMATION FOR PRODUCT:** The components of this product are listed on the International Chemical Inventory list.

**15.5 JAPANESE INFORMATION FOR PRODUCT:**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**JAPANESE ENCS INVENTORY:** The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

**POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:** No component of this product is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

**15.6 INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual country Chemical Inventories is as follows:
Asia-Pac: Listed
Australian Inventory of Chemical Substances (AICS): Listed
Korean Existing Chemicals List (ECL): Listed
Japanese Existing National Inventory of Chemical Substances (ENCS): Listed
Philippines Inventory if Chemicals and Chemical Substances (PICCS): Listed
Swiss Giftliste List of Toxic Substances: Listed
U.S. TSCA: Listed

## 16. OTHER INFORMATION

**PREPARED BY:** Paul Eigbrett – (**GHS MSDS Compliance PLUS)**
**DATE OF PRINTING:** June 5, 2015

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Tennant Company assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are no adhered to as stipulated in the data sheet. Furthermore, Tenant Company assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

**END OF SDS SHEET**