

# MATERIAL SAFETY DATA SHEET

9/13/2017

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

TPS Products LLC.  
1256 E. Prospect Ave.  
Marion, WI. 54950  
715-754-2077

PRODUCT NAME: **M-100, M100S M100.1S M100.5S**

**MANUAL LIQUID CONCENTRATE DETERGENT**

PRODUCT DESCRIPTION: Non-flammable Liquid Detergent With Light Citrus Odor

CHEMICAL FAMILY: Low Alkaline Detergent

## SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENT

Hazardous Components: OSHA PEL ACHIH TLV Other Limits %(optional)

NONE

## SECTION 3 - HAZARDS IDENTIFICATION

HEALTH-----1 FIRE-----0 INSTABILITY-----0  
(0= insignificant, 1=slight,)

PRIMARY ROUTES OF ENTRY: Eye contact, Skin Contact

EFFECTS OF OVEREXPOSURE: **Eyes-** May cause mild irritation

**Skin-** Irritation possible with prolonged contact

**Swallowing-** No adverse effects anticipated as a result of ingestion

**Inhalation-** None anticipated

## SECTION 4 - FIRST AID MEASURES

**Eyes;** Immediately flush with clean water, consult physician if necessary

**Skin:** Rinse with water

**Ingestion:** If swallowed, treat symptomatically and supportively. Do not induce vomiting. If victim is conscious and alert, give two glasses of water or milk to drink. If vomiting occurs, keep head below hips to prevent aspiration. Contact physician

**Inhalation:** No adverse effects expected

## SECTION 5 - FIRE AND EXPLOSION HAZARDS

Flash Point (Method Used) 212F (PMCC, nonflammable) Explosive Limits: N/A

Extinguishing Media: N/A Special Fire Fighting Procedures: N/A

Unusual Fire Fighting & Explosion Hazards: N/A

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Small Spills:** Flush with water into containing area or to sewer where applicable within Federal, State or Local disposal requirements.

**Large Spills:** Dike and pump into suitable containers, clean up residual with absorbent material and wash with water. Dispose of in accordance with Federal, State or Local disposal requirements.

## SECTION 7 - HANDLING & STORAGE

**Handling and Storage:** Wear protective goggles or face shield if splashing or spraying.

**Precautions:** Protect from freezing.

**Other Precautions:** Keep container tightly closed.

**KEEP OUT OF REACH OF CHILDREN**

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Respiratory Protection:** None necessary **Ventilation:** Good general ventilation is sufficient.

**Protective Clothing:** Protective gloves when prolonged exposure is expected. **Eye Protection:**

Wear safety glasses, as you should when working with any chemical. **Work/Hygienic Practices:**

Good personal hygiene practices, wash hands before and after eating, drinking, smoking or using the toilet facilities.

Page 1 of 2

## SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

PH: 9.0 - 10.0 Boiling Point: 210F

Evaporation Rate: less than 1

Solubility in water: Complete

Melting Point: N/A

Appearance and Odor: Orange / Yellow Liquid with citrus odor

## SECTION 10 - STABILITY & REACTIVITY

Stability: Stable

Incompatibility:(materials to avoid) Strong acids and alkalies emulsify product Hazardous

Decomposition or By-products: Thermal decomposition may produce CO2

Hazardous Polymerization: Will not occur

## SECTION 11 - TOXICOLOGICAL INFORMATION

Primary Eye Irritation No evidence of corrosion. All cornea involvement or irritation cleared within 72 hours

Primary Skin Irritation: Primary Irritation Index (PII) = 2.6 based on erythema and edema, no corrosion found

## SECTION 12 - ECOLOGICAL INFORMATION

Aerobic Aquatic Biodegradation (EPA Method 796.3100) The percentage of biodegradation in 28 days was 85.8%

## SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal (unused Material) Flush uncontaminated material to sewer where applicable within Federal, State or Local disposal laws. Note: Chemical addition to or altering this product may make this waste management information incomplete, inaccurate or otherwise inappropriate. State and local waste disposal requirements may be more restrictive or otherwise different from Federal laws. NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warrantee, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state and local laws. The following specific information is made for the purpose of complying with numerous federal, state and local laws.

Waste Classification: When a decision is made to discard unused portions of this product, it does not meet RCRA's characteristic definition of ignitability, corrosivity or reactivity and none of the materials used in this product are listed in t40CFR 261.33. The toxicity characteristic (TC), however has not been evaluated by the Toxicity Characteristic Leaching Procedure(TCLP)

## SECTION 14 - WORK PLACE CLASSIFICATION

This product is considered non-hazardous under the OSHA Hazard Communication Standard

## SECTION 15 - TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not Regulated D.O.T. Hazard Class: None UN Shipping Name: N/A  
UN/NA Number: N/A UN Class or Division: N/A UN Packing Group: None NMFC Freight Class:  
Compound Cleaning Fluid Class 55

TSCA All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act.

NFPA Ratings Health=1 Flammability=0 Reactivity=0

NPCA-HMIS Ratings: Health = 1 Flammability = 0 Reactivity = 0  
Protective Equipment = None

## DISCLAIMER:

The above information is, to the best of our knowledge, current, accurate and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied is made by us as to the effects of such use or on the safety or toxicity of this product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or regulations.

Page 2 of 2