SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FORMULATED FOR:

Target Specialty Products 15415 Marquardt Ave. Santa Fe Springs, CA 90670 800-352-3870

PRODUCT NAME: TS Pro 18-3-6 w Minors

CHEMICAL NAME: Inorganic/Organic Chemical Fertilizer Mixture
CHEMICAL FAMILY: N-P-K Mixed liquid blended fertilizer

Date of Issue: 9/18/20

2. HAZARDS INDETIFICATION SUMMARY

Hazard Classification: Skin irritant, Category 2

Eye irritant, Category 2A

Signal Word: "WARNING"

Hazard Statements:

H315-Causes skin irritation H320-Causes eye irritation

H335-May cause respiratory irritation H333-May be harmful if inhaled H303-May be harmful if swallowed

Precautionary Statements:

(PREVENTION)

P260-Do not breathe mist/vapors/spray P264-Wash thoroughly after handling

P270-Do not eat, drink or smoke when using this product

P271-Use only outdoors in a well-ventilated area

P273-Avoid release to the environment

P280-Wear protective gloves / eye protection / face protection

(RESPONSE)

P301+P312- If swallowed, call a POISON CENTER or doctor if you feel unwell

P330-Rinse mouth

P302+P352-IF ON SKIN wash with plenty of soap and water

P305+P351+P338-IN IN EYES rinse cautiously with water for 20 minutes, remove contact lenses and

continue rinsing

P337+P313-If eye irritation persists, get medical advice / attention

P362+P364-Take off contaminated clothing

Precautionary Statements, Storage:

P403+P233-Store in a well-ventilated place. Keep container tightly closed.

P501-Dispose of container in accordance with local regulations



3. COMPOSTITION, INFORMATION ON INGREDIENTS

N-K (NITROGEN-PHOSPHORUS-POTASSIM) MIXED LIQUID BLENDED FERTILIZERS – No hazardous ingredient exceeds 1% of mixture.

Chemical Ingredients:	Percentage of Weight:	CAS No.
Urea Triazone	17.0%	7098-14-7
Urea	2.0%	7631-86-9
Potassium Acetate	49.0%	584-08-7
TKPP	7.0%	7320-34-5
EDTA Iron	0.8%	15708-41-5
EDTA Manganese	0.8%	15375-84-5
EDTA Zinc	0.6%	14025-21-9

4. FIRST AID MEASURES

If in eyes: Immediately rinse with water for 15 minutes

If on skin: Wash skin with soap and water

If swallowed: Rinse mouth with water and drink large a quantity of water if conscious

If inhaled: Remove product or move person to fresh air

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): Aqueous solution, will not burn

FLAMMABLE LIMITS (LFL & UFL): Not applicable

EXTINGUISHING MEDIA: Use foam, CO2, dry chemical, or water

HAZARDOUS COMBUSTION PRODUCTS: May include but are not limited to oxides of carbon, oxides of

nitrogen, ammonia, oxides of phosphorous

SPECIAL FIRE FIGHTING PROCEDURES: Remove container from fire area

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Stop leak, contain spill and absorb with soil or natural absorbents. Sweep up waste and place in container for disposal. Wash down area. Uncontaminated spilled material may be reused.

7. HANDLING AND STORAGE

HANDLING: Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required.

Sealed containers may develop pressure, open with caution. Wash hands thoroughly after handling

the product.

STORAGE: Store in the original labeled container in a cool place away from direct sunlight. Keep separate

from food and feed products and out of reach of children and animals. Avoid storage at temperatures of 110F or higher. Corrosive to steel, aluminum, brass. Use with stainless steel or

PVC fittings. Product may stain unfinished wood, painted surfaces, or concrete.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Not normally required. **RESPIRATORY PROTECTION:** Not normally required.

PERSONAL PROTECTIVE EQUIPMENT: Chemical goggles or shielded safety glasses and rubber or chemical resistant

gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear liquid with ammonia smell

SOLUBILITY: Appreciable

pH: 9.5 BULK DENSITY: 10.1 pounds / gallon SPECIFIC GRAVITY (Water = 1): 1.21 BOILING POINT: not established

VAPOR PRESSURE: Not established EVAPORATION DATE: Not established

PERCENT VOLATILE (by volume): Not established

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical

values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY: Stable for at least 2 years under normal conditions.

INCOMPATIBILITY: urea triazone will precipitate out of solution under acidic conditions.

HAZARDOUS DECOMPOSTITION PRODUCTS: May decompose to release cyanuric acid, ammonia, HCN, NO

HAZARDOUS POLYMERIZTION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀(rat): not established Acute Dermal LD50(rabbit): not established

Eye Irritation (rabbit): not established

Inhalation LC₅₀(rat): not established

Skin Irritation (rabbit): not established

Skin Sensitization (guinea pig): not established

Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH

12. ECOLOGICAL INFORMATION

Ecotoxicology: Due to the non-toxic classification of this product no negative impact on wildlife is expected.

Biodegradation: Oxidation and microorganisms.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Contaminated absorbents and surplus product should be buried in accordance with any

local legislation.

Container disposal: Wash thoroughly with water and soap prior to reuse.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.

U.S. Surface Freight Classification: FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI; LIQUID

(NMFC 68140, SUB 5, CLASS 50)

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings: NFPA HMIS

1 Health 0 Least 1 Health 0 Flammability 1 Slight 0 Flammability 0 Instability 2 Moderate 0 Reactivity 3 High H PPE

4 Severe

SARA Hazard Notification/Reporting

SARA Title III Hazard Category: Immediate <u>Y</u> Fire <u>N</u> Sudden Release of Pressure <u>N</u>

Delayed N Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

16. OTHER

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