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SITE ONE LANDSCAPE SUPPLY SAFETY DATA SHEET

DATE PREPARED: 07/22/25

CURRENT AS OF: 7/22/25

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE:

PRODUCT NAME: Spar-TECH 6-0-8 Nitrate Mix

PRODUCT USE: Fertilizer

MFR INFO:

FOR EMERGENCY: (800) 424-9300
FOR INFORMATION: (800) 347-4272

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



DANGER CAUSES SERIOUS EYE DAMAGE AND SEVERE SKIN BURNS. CAUSES RESPIRATORY IRRITATION. HARMFUL IF SWALLOWED. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASSIFICATIONS:

EYE DAMAGE
SKIN CORROSION
ACUTE TOXICITY, ORAL
SPECIFIC TARGET ORGAN TOXICITY
 - **SINGLE EXPOSURE**
 - **REPEATED EXPOSURE**

CATEGORY

1
1A
4
3
3

INTERPRETATION

Causes serious eye damage
 Causes severe skin burns
 Harmful if swallowed
 May cause respiratory irritation
 Causes damage to the central nervous system

PRECAUTIONARY STATEMENTS:

- **STORE LOCKED UP**
- **OBTAI SPECIAL INSTRUCTIONS BEFORE USE**
- **DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD**
- **IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION**
- **WEAR PROTECTIVE GLOVES AND CLOTHING**
- **REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE**
- **DO NOT BREATHE VAPORS/MISTS**
- **IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF YOU ARE UNWELL OR IRRITATION PERSISTS**
- **USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA**

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- **CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL**
- **WASH THOROUGHLY AFTER HANDLING**
- **DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT**
- **IF SWALLOWED: RINSE MOUTH, CALL POISON CONTROL AND SEEK MEDICAL ATTENTION**
- **IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES; AFTER RINSING SEEK MEDICAL ATTENTION**
- **IF SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION**

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	SYNONYM	CAS NUMBER	CONCENTRATION (%)
Calcium Nitrate	Calcium Dinitrate	10124-37-5	30-40
Potassium Nitrate	Salt peter	7757-79-1	10-20

SECTION 4: FIRST AID MEASURES

IF INHALED: Move to fresh air and keep comfortable, seek medical attention if unwell.

IF ON SKIN: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

IF IN THE EYES: Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing and seek medical attention.

IF SWALLOWED: Rinse mouth and seek medical attention. DO NOT INDUCE VOMITING unless directed by a medical professional.

SPECIAL TREATMENT: None known

HEALTH HAZARDS: See Section 11

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Use media suitable for surrounding fire. No special media required.

SPECIFIC FIRE HAZARDS: When heated to decomposition, this product will emit toxic oxides/fumes, sulfides, and ammonia.

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / RELEASE PROCEDURES: Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.

ENVIRONMENTAL PRECAUTIONS: Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.

PROTECTIVE EQUIPMENT: Wear PPE according to Section 8

SECTION 7: HANDLING AND STORAGE

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Wash hands after handling material. Do not eat, drink or smoke while handling the material. Do not breathe vapors/mists. Not intended for human consumption. Store locked up in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. Currently, the other constituents have no known exposure limits.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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Liquid fertilizer blend	Not available	Not available
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PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION: NIOSH approved respirator, if required

EYE PROTECTION: Safety glasses with sideshields, goggles, or faceshield

SKIN PROTECTION: Appropriate for the task. Impervious and compatible with material

VENTILATION: Use with adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Yellow solution with no appreciable odor

pH: ~ 1.10

MELTING POINT: Not applicable

BOILING POINT: Not available

FLASH POINT: Not flammable

EVAPORATION RATE: Not available

FLAMMABLE LIMITS: Not applicable

VAPOR PRESSURE: Not available

VAPOR DENSITY: Not available

SPECIFIC GRAVITY: ~ 1.269

SOLUBILITY (IN WATER): Soluble

PARTITION COEFFICIENT: Not available

AUTOIGNITION TEMP: Not available

DECOMPOSITION TEMP: Not available

ODOR THRESHOLD: Not available

VISCOOSITY: Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Heat

INCOMPATIBILITY: Strong acids, bases, and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides/fumes, sulfides, and ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes severe skin burns and eye damage. Causes irritation to the respiratory tract. Harmful if swallowed. Causes damage to the blood through prolonged or repeated exposure.

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CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

INGREDIENT TOXICITY RANGES:

ORAL: > 302 mg/kg (calcium nitrate) – 1901 mg/kg (potassium nitrate)

SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects. Long-term degradation products may arise. Products of degradation are not expected to be hazardous. Excessive nutrients in waterways may cause algal blooms that may be detrimental to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER:	UN3264
PROPER SHIPPING NAME:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CONTAINS SULFURIC ACID)
TRANSPORT HAZARD CLASS:	8
PACKING GROUP:	III

SECTION 15: REGULATORY INFORMATION

SARA 311/312:	ACUTE
SARA 313:	Nitrate Compounds (water dissociable)
REPORTABLE QUANTITY:	No requirements
RIGHT-TO-KNOW:	Potassium Nitrate (IL, MA, NJ, PA, RI)
CA PROP 65:	No requirements

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0
HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	0

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