

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product Name:** Purniel ®SC

**Manufacturer:** Technical Concepts, LLC  
1301 Allanson Road  
Mundelein, Illinois, 60060  
847-837-4100

**24-Hour Emergency Contact: 1-800-535-5053 (Infotrac)**

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## 2. COMPOSITION/ INFORMATION ON INGREDIENTS

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Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200:

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>ACGIH-TLV</u>	<u>OSHA- PEL</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>	<u>%BY WT</u>
Tetrasodium EDTA	64-02-8	N/E	N/E	N/E	N/E	1-10%

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## 3. HAZARDOUS IDENTIFICATION

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### Potential Health Effects:

Routes of Entry: Inhalation: N Skin: Y Eye: Y Ingestion: Y  
Health Hazards: May cause eye and skin irritation, may cause stomach distress.

Signs/systems of Over exposure: Prolonged skin contact may cause mild redness and swelling. Contact with eyes may cause irritation, experienced as discomfort or pain, excessive blinking and tear production, with marked excess redness and swelling. Corneal injury may occur. This product can be absorbed through the skin. Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Medical conditions aggravated by exposure: Skin contact may aggravate an existing skin condition.

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## 4. FIRST AID MEASURES

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**EYE CONTACT:** Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Obtain medical attention if irritation persists.

**SKIN CONTACT:** Rinse affected area with plenty of water until no evidence of product remains. Obtain medical attention if irritation persists.

**INHALATION:** This is unlikely to occur due to the physical properties of this product, however if a person becomes ill move the person from exposure to fresh air, keep the person warm and at rest, if breathing is difficult or labored, obtain medical attention.

**INGESTION:** Treat symptomatically and supportively. Keep a maintained airway; do not induce vomiting, in spite of this, if vomiting occurs, keep head below hips to prevent aspiration. Dilute by rinsing the mouth and giving water or milk to drink. Contact physician or local poison control center.

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## 5. FIRE FIGHTING MEASURES

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**FIRE AND EXPLOSION HAZARD -** The fire hazard for this product has not been determined. The hazard(s) of the component(s) with the most severe hazard(s) are:

Slight fire hazard when exposed to heat or flame.

**FIRE FIGHTING MEDIA -** Dry chemical, carbon dioxide, and alcohol foam, water. For larger fires, use water spray, fog, or regular foam.

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FIRE FIGHTING - Move container from fire area if you can do so without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish only if flow can be stopped; use flooding amounts of water as a fog, solid streams may be ineffective. Avoid breathing vapors, keep upwind.

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## 6. ACCIDENTAL RELEASE MEASURES

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Contained small spills may be absorbed with non-reactive absorbent and placed in a container that is covered with labeled containers. Prevent large spills from entering waterways or confined areas. Contact emergency services and suppliers for advice.

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## 7. HANDLING AND STORAGE

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Avoid contact with incompatible substances and excessive heat. Observe all federal and local regulations when storing or disposing of the substances.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Gloves:** Not normally required.

**Eye protection:** Not normally required.

**Respiratory Tract:** Not normally required

**Ventilation:** Local: Not required

**Carcinogenic:** Non – hazardous by WHIMS criteria

**Other protective equipment:** None required

**Protective Work/Hygiene Practices:** Follow labeling instructions

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Specific Gravity @25°C: 1.0746-1.1746

pH @25°C: 9.0-9.4

Appearance: Clear slightly yellow liquid

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## 10. STABILITY AND REACTIVITY

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It is incompatible with strong oxidizers and oxides of sulfur when heated to decomposition.

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## 11. TOXICOLOGY INFORMATION

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Currently there is no data available for this product.

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## 12. ECOLOGICAL INFORMATION

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Currently there is no data available for this product.

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## 13. DISPOSAL CONSIDERATIONS

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Do not reuse empty containers. Discard empty containers in trash.

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## 14. TRANSPORTATION INFORMATION

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Not Regulated

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## 15. REGULATORY INFORMATION

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NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0  
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0

SARA section 313 (toxic chemical release reporting) 40 CFR: No ingredients require reporting.

Toxic Substances Control Act (TSCA) - All ingredients are listed on the Chemical Substance inventory, or are exempt.

California Proposition 65-None

Canadian Domestic List (DSL): All of the substances contained in this product are either listed or exempt

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## 16. OTHER INFORMATION

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Product Sales Information: 1-800-551-5155

MSDS Information: 847-837-4100

MSDS in compliance with ANSI Z400.1- 1988-16- section,

Rev. 001 1sec.15, sec.11 Toxicology, Rev. 2 sec., sec.15, 08/07, rev. 003, OSHA information updated 12/07

N/A= Not Applicable

N.E. Not Established

MSDS Prepared by: Regulatory

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