

Stanley Steemer® SS89D Cleaner, Powder
Safety Data Sheet

Section 1: Identification

Product Identification

Product Name: Stanly Steemer® SS89D Cleaner
SS Product Number: 30005
KOK Product Number: 3529
Product Description: Carpet Cleaning Powder
Synonyms and Trade Names:
Additional Information: Dry Mixture

Manufacturer Identification

Manufacturer Name: K-O-K Products, Inc.
Manufacturer Address: 700 S. 3B's & K Road, Galena, Ohio 43021
Manufacturer Daytime Telephone: 740-658-0526
24 Hour Emergency Contact: 800-255-3924

Distributor Identification

Distributor Name: Stanley Steemer® International, Inc.
Distributor Address: 5500 Stanley Steemer Parkway, Dublin, Ohio 43017
Distributor Daytime Telephone: 614-764-2007

Section 2: Hazards Identification

Hazard Pictograms *None*

Signal Word *Warning*

Hazard Statements *Causes mild skin irritation*
Causes eye irritation

Precautionary Statements *Wear eye protection*
Wash thoroughly after handling

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing. If eye irritation persists, seek medical attention
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, seek medical attention.

Section 3: Composition and Ingredient Information

| CAS No. | Name | Percent |
|------------|-------------------------------------|---------|
| 7758-29-4 | Sodium tripolyphosphate | 90 – 98 |
| 34590-94-8 | Dipropylene glycol monomethyl ether | <1 |
| | Proprietary Surfactant ¹ | 0 – 5 |
| | Proprietary Fragrance ¹ | <0.2 |

¹ Trade Secret

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Section 4: First Aid Measures

Description of Symptoms and First Aid Measures

| | |
|----------------------|---|
| Inhalation: | <i>Acute: Exposure to dust may cause irritation of nasal and respiratory passages</i> <i>If symptoms develop, move individual to fresh air. If necessary, seek medical attention</i> |
| Eye Contact: | <i>Acute: Exposure to dust may cause irritation</i> <i>If symptoms develop, flush eyes with water. Seek medical attention if symptoms persist.</i> |
| Skin Contact: | <i>Acute: Mild irritation or redness</i> <i>Wash with soap and water. Get medical attention if irritation develops or persists.</i> |
| Ingestion: | <i>Acute: Ingestion of large quantities may cause nausea, vomiting, and diarrhea.</i> <i>If large quantities are ingested, induce vomiting and seek medical attention.</i> |

Section 5: Fire Fighting Measures

| | |
|--|--|
| Fire: | <i>Not Combustible</i> |
| Extinguishing Media: | <i>Water, carbon dioxide, dry chemical, foam</i> |
| Hazardous decomposition products formed under fire conditions | <i>Carbon oxides Nitrogen oxides (NOx)</i> |
| Special Fire Fighting Precautions: | <i>If material is involved in a fire, avoid skin and eye contact, and wear self-contained breathing apparatus operating in pressure demand mode</i> |
| Unusual Fire Hazards: | <i>Water or foam may cause frothing which may be quite violent. Solid streams of water or foam should NOT be directed into hot burning material.</i> |

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Section 6: Accidental Release Measures

- Personal Protection:** *Wear appropriate personal protective equipment.*
- Small Spills:** *Sweep up and return material to packaging if not contaminated. If contaminated, place in appropriate containers for disposal at an approved landfill..*
- Large Spills:** *Sweep up and return material to packaging if not contaminated. If contaminated, place in appropriate containers for disposal at an approved landfill..*
- Special Considerations** *None*
- Notification:** *In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.*

Section 7: Handling and Storage

- Safe Handling:** *Avoid contact with skin or eyes
Avoid prolonged or repeated contact with skin and eyes.
Launder contaminated clothing before reuse.
Do not ingest. Wash hands before eating.*
- Safe Storage:** *Keep away from heat or ignition sources.
Keep out of reach of children
Do not store at temperatures above 120°F or below 40°F*

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Section 8: Exposure Controls and Personal Protection

Exposure Limits

| CAS No. | Name | Percent | Exposure Limits | | |
|------------|-------------------------------------|---------|-------------------------|------|--------------|
| 7758-29-4 | Sodium tripolyphosphate | 90 – 98 | 5 mg/m ³ | TWA | PEL (Dust) |
| 34590-94-8 | Dipropylene glycol monomethyl ether | <1 | 100 ppm | TWA | PEL (Skin) |
| | | | 150 ppm | STEL | PEL (Skin) |
| | | | 100 ppm | TLV | ACGIH (Skin) |
| | | | 150 ppm | STEL | ACGIH (Skin) |
| | | | 100 ppm | TWA | NIOSH (Skin) |
| | | | 150 ppm | ST | NIOSH (Skin) |
| | Proprietary Surfactant | 0 – 5 | <i>None Established</i> | | |
| | Proprietary Fragrance | <0.2 | <i>None Established</i> | | |

Exposure Controls

- Engineering Controls** *Good general ventilation should be sufficient to control dust.*
- Protective Facilities** *Safety Shower, Eye Bath, Washing Facilities*
- Eye and Face Protection** *Safety glasses with side shields for normal conditions.
Chemical splash goggles significant dusting*
- Skin and Hand Protection** *Wear chemical resistant gloves for frequent or prolonged contact*
- Respiratory Protection** *Not required for normal conditions.*
- Use full face mask, air purifying particulate respirator if dusting is excessive (non-oil, N95).*
- Consult your industrial hygiene specialist for recommendations and limitations*
- Hygiene Measures** *Observe good industrial hygiene practices. Wash exposed areas after use and before eating, drinking, or use of tobacco.*

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Section 9: Physical and Chemical Properties

| | |
|---|--------------------------------------|
| Appearance | |
| Physical State: | <i>Solid</i> |
| Form: | <i>Granular, free-flowing powder</i> |
| Color: | <i>White</i> |
| Odor: | <i>Citrus scent</i> |
| Odor Threshold: | <i>NDA</i> |
| Taste: | <i>NDA</i> |
| pH: | <i>9.5 to 10.3 at 1 g/l</i> |
| Boiling Point (°F): | <i>NA</i> |
| Melting/Freezing Point (°F) | <i>1,152</i> |
| Flash Point (°F): | <i>> 200</i> |
| Upper Flammability Limit (%): | <i>NDA</i> |
| Lower Flammability Limit (%): | <i>NDA</i> |
| Autoignition (°F): | <i>NA</i> |
| Decomposition Temperature (°F) | <i>NDA</i> |
| Vapor Pressure (mmHg)(°C): | <i>NA</i> |
| Vapor Density (air=1) | <i>NA</i> |
| Specific Gravity (water=1) (25°C) | <i>> 1.5</i> |
| Evaporation Rate (BuAc = 1): | <i>NA</i> |
| Molecular Weight | <i>NA</i> |
| Viscosity (cp): | <i>NA</i> |
| Partition coefficient n-octanol/water) | <i>NDA</i> |
| Solubility, Water (g/l)(°C): | <i>145</i> |
| Solubility, (other) (g/l)(°C): | <i>NDA</i> |

NDA = No Data Available
NA = Not Applicable

Section 10: Stability and Reactivity

| | |
|--|--|
| Chemical Stability: | <i>Stable</i> |
| Possible Hazardous Reactions: | |
| Corrosivity | <i>None</i> |
| Polymerization | <i>None</i> |
| Conditions to Avoid: | <i>None</i> |
| Incompatible Materials: | <i>Strong oxidizers</i> |
| Hazardous Decomposition Products: | <i>Carbon oxides</i> <i>Nitrogen oxides (NOx)</i> |

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Section 11: Toxicological Information

Likely Routes of Exposure

| | |
|---------------------------------|---|
| Inhalation: | <i>Inhalation is not an expected hazard unless dust formation occurs.</i> |
| Ingestion: | <i>Ingestion of significant quantities is not an expected hazard under normal usage conditions.</i> |
| Skin Contact/Absorption: | <i>May cause mild skin irritation.</i> |
| Eye Contact/Absorption: | <i>May cause eye irritation</i> |
| Pre-existing Conditions | <i>None</i> |

Acute Toxicity

| Test | Result | Basis |
|---|---------------|-------------------|
| Oral Toxicity (Rat) | 3,994 mg/kg | Estimated mixture |
| Oral Toxicity (Rat) | 2,060 mg/kg | Based 7758-29-4 |
| Oral Toxicity (Mouse) | 940 mg/kg | Based 7758-29-4 |
| Dermal Toxicity (Rabbit) | 4,649 mg/kg | Based 7758-29-4 |
| Eye Irritation (Rabbit)(24 hr OECD 404) | Mild | Based 34590-94-8 |

Summary

Oral Toxicity*
Dermal Toxicity*
Inhalation Toxicity, Vapor*
Dermal Irritation*
Eye Irritation*

GHS

Category 5
Category 5
NDA
Category 3
Category 2B

*Based on specific component adjusted for product concentration

** Material does not meet GHS definitions for this category

Chronic Toxicity

NTP Listed

Product: *Not listed*
Specific Substance: *None listed*

IARC Listed

Product: *Not listed*
Specific Substance: *None listed*

Proposition 65

Product: *Not listed*
Specific Substance: *None listed*

Other Information

Long term exposure to very high levels of sodium tripolyphosphate has been suggested as a cause of kidney and bone effects in animals. The relevance of these findings to humans is uncertain. Sodium tripolyphosphate is listed by the FDA as a GRAS (Generally Recognized As Safe) food additive.

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| CAS | Name | RTECS # |
|------------|-------------------------------------|-----------|
| 7758-29-4 | Sodium tripolyphosphate | YK4570000 |
| 34590-94-8 | Dipropylene glycol monomethyl ether | JM1575000 |

Section 12: Ecological Information

Impact: *This product has low environmental impact in small quantities. Larger releases may result in toxic effects on aquatic organisms.*

Acute Toxicity, Fish

Product: NDA

Specific Substance

Sodium tripolyphosphate (7758-29-4)
Dipropylene glycol monomethyl ether
(34590-94-8)

Mortality: Onchorhynchus mykiss, > 1,120,000 ug/l, 24h
LC50: Pimphales promolas, >10,000 mg/l, 96h

Acute Toxicity, Aquatic Invertebrates

Product: NDA

Specific Substance:

Sodium tripolyphosphate (7758-29-4)
Dipropylene glycol monomethyl ether
(34590-94-8)

EC50: Daphnia, 276.61 mg/l, 48h
EC50: Daphnia magna, 1,919 mg/l, 48h

Acute Toxicity, Microorganism

Product: NDA

Specific Substance:

Toxicity, Aquatic Plants

Product: NDA

Specific Substance:

Sodium tripolyphosphate (7758-29-4)

Population: Pseudokirchneriella subcapitata, 60,000 to 120,000 ug/l, 50% Effect

Biodegradation

Product: NDA

Specific Substance:

Bioaccumulation Potential

Product: NDA

Specific Substance:

NDA = No Data Available

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Section 13: Disposal Information

General Information

Dispose of in accordance with local regulatory requirements.

Disposal Methods

Sweep or scrap up spilled material and either re-use or, if contaminated, dispose of in approved landfill.

Section 14: Transportation Information

DOT

Non-regulated

Shipping Name

Compound cleaning solid

Label

Non-regulated

Reportable Quantity

NA

Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

Section 15: Regulatory Information

Chemical Inventory Status

| Ingredient (CAS) | TSCA8(b) | EC | Japan | Australia | Canada | |
|--|-----------------|-----------|--------------|------------------|---------------|-------------|
| | | | | | DSL | NDSL |
| Sodium tripolyphosphate (7758-29-4) | | X | X | X | X | |
| Dipropylene glycol monomethyl ether (34590-94-8) | X | X | X | X | X | |

Federal Regulations

| Ingredient (CAS) | RCRA (261.33) | EPCRA/CERCLA | | | CAA 313 Listed | 112(r) TQ | TSCA 8(d) |
|--|----------------------|---------------------|---------------|------------------|-----------------------|------------------|------------------|
| | | 302 TPQ | 304 RQ | CERCLA RQ | | | |
| Sodium tripolyphosphate (7758-29-4) | | | | 5,000 | | | |
| Dipropylene glycol monomethyl ether (34590-94-8) | | | | | | | |

State RTK Label Information

| Ingredient (CAS) | New Jersey | Pennsylvania |
|---|-------------------|---------------------|
| Sodium tripolyphosphate (7758-29-4) | X | X |
| Contents partially unknown | X | |
| Partial contents withheld as trade secret | | X |

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Other Regulations/Information

| | |
|-------------------------------------|---|
| OSHA: | <i>Irritant</i> |
| Proposition 65 (California): | <i>None found</i> |
| FDA | <i>Sodium tripolyphosphate is listed by the FDA as a GRAS (Generally Recognized As Safe) food additive</i> |
| VOC: | <i>NA</i> |
| Chemical Weapons Convention: | <i>No</i> |
| WHMIS | <i>This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.</i> |
| Hazard Classification: | <i>Class D2B – Skin and Eye Irritation</i> |
| HMIS | <i>HMIS ratings involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.</i> |
| Health: | <i>1*</i> |
| Fire: | <i>0</i> |
| Reactivity: | <i>0</i> |
| PPE: | <i>B</i> |
| NFPA | <i>NFPA 704</i> |
| Health: | <i>1</i> |
| Fire: | <i>0</i> |
| Reactivity: | <i>0</i> |
| Special Hazards: | |

NDA = No Data Available

NA = Not Applicable

Section 16: Other Information

Disclaimer: *The information presented in this Safety Data Sheet was prepared by technical personnel, based on data that they believe, in their good faith judgment, is accurate. This information should be used to make an independent determination of the appropriate and necessary methods to safeguard workers and the environment, considering the specific conditions and methods of use that will be employed. This information is provided without warranty.*