

Stanley Steemer® SS89D Cleaner, Concentrate

Safety Data Sheet

Section 1: Identification

Product Identification

Product Name: Stanly Steemer® SS89D Cleaner Concentrate
SS Product Number: 30005
KOK Product Number: 3529
Product Description: Carpet Cleaning Concentrate Liquid
Synonyms and Trade Names:
Additional Information: Liquid Solution

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 May cause mild skin irritation
May cause 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	<4
34590-94-8	Dipropylene glycol monomethyl ether	<1
	Proprietary Surfactant ¹	<1
	Proprietary Fragrance ¹	<0.2
7732-18-5	Water	>95

¹ Trade Secret

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Section 4: First Aid Measures

Description of Symptoms and First Aid Measures

Inhalation:	<i>Acute: Exposure to mist 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 mist 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>None</i>

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Section 6: Accidental Release Measures

Personal Protection:	<i>Wear appropriate personal protective equipment.</i>
Small Spills:	<i>Absorb spilled material, transfer to suitable containers, and dispose of in approved landfill.</i>
Large Spills:	<i>Pump spilled material to suitable containers, and contact approved disposal facility for transfer and treatment.</i>
Special Considerations	<i>None</i>
Notification:	<i>In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.</i>

Section 7: Handling and Storage

Safe Handling:	<i>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.</i>
Safe Storage:	<i>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</i>

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Section 8: Exposure Controls and Personal Protection

Exposure Limits

CAS No.	Name	Percent	Exposure Limits
7758-29-4	Sodium tripolyphosphate	<4	None
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	<1	<i>None Established</i>
	Proprietary Fragrance	<0.2	<i>None Established</i>

Exposure Controls

- Engineering Controls** *General ventilation should be sufficient under normal usage conditions.*
- Protective Facilities** *Safety Shower, Eye Bath, Washing Facilities*
- Eye and Face Protection** *Safety glasses with side shields for normal conditions.
Chemical splash goggles when splashing is anticipated*
- Skin and Hand Protection** *Wear chemical resistant gloves for frequent or prolonged contact*
- Respiratory Protection** *Not required for normal conditions.*
- 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>Liquid</i>
Form:	<i>Liquid</i>
Color:	<i>Clear, colorless</i>
Odor:	<i>Citrus scent</i>
Odor Threshold:	<i>NDA</i>
Taste:	<i>NDA</i>
pH:	<i>9.5 to 10.3</i>
Boiling Point (°F):	<i>Approx 212 (based on water)</i>
Melting/Freezing Point (°F)	<i>Approx 32 (based on water)</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>Approx 1 (based on water)</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>NA</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>

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Section 11: Toxicological Information

Likely Routes of Exposure

Inhalation:	<i>Inhalation is not an expected hazard under normal usage conditions</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)	82,000 mg/kg	Estimated mixture

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

*Based on specific component adjusted for product concentration

** Material does not meet GHS definitions for this category

Chronic Toxicity

NTP Listed	
Product:	<i>Not listed</i>
Specific Substance:	<i>None listed</i>

IARC Listed	
Product:	<i>Not listed</i>
Specific Substance:	<i>None listed</i>

Proposition 65	
Product:	<i>Not listed</i>
Specific Substance:	<i>None listed</i>

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) *Mortality: Onchorhynchus mykiss, > 1,120,000 ug/l, 24h*
Dipropylene glycol monomethyl ether *LC50: Pimphales promolas, >10,000 mg/l, 96h*
(34590-94-8)

Acute Toxicity, Aquatic Invertebrates

Product: NDA

Specific Substance:

Sodium tripolyphosphate (7758-29-4) *EC50: Daphnia, 276.61 mg/l, 48h*
Dipropylene glycol monomethyl ether *EC50: Daphnia magna, 1,919 mg/l, 48h*
(34590-94-8)

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

Collect spilled material by absorption or pumping, transfer to suitable containers, and dispose of in accordance with applicable regulations.

Section 14: Transportation Information

DOT *Non-regulated*
Shipping Name *Compound cleaning liquid*
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
Water (7732-18-5)	X	X
Surfactant mixture	X	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.*