



Tank Spray Cleaner

Safety Data Sheet (SDS)

K-80®

SDS Number: 532

Revision Date: 01/01/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

AccuSpray
PO Box 7488
Spreckels, CA 93962

Contact: AccuSpray
Phone: (800) 273-2464

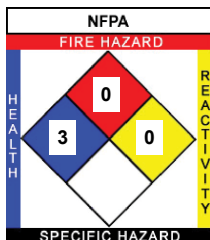
Product Name: K-80®
Revision Date: 01/01/2023
Version: 1
SDS Number: 532
Common Name: Alkaline Cleaner
CAS Number: MIXTURE
Chemical Family: Alkaline Cleaner
Chemical Formula: *** PROPRIETARY ***
Synonyms: K-80

Emergency Phone: (800) 273-2464

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HAZARDS IDENTIFICATION

NFPA:
HMIS III:



Health = 3, Fire = 0, Reactivity = 0
H3/F0/PH0

HMIS III	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PERSONAL PROTECTION C Safety Glasses, Gloves, Apron	

PERSONAL PROTECTION INDEX															
A					G										
B					H										
C					I										
D					J										
E					K										
F					X	Consult your supervisor or S.G.P. for "SPECIAL" handling directions									
A		n		O		p		q		r		s		t	
Acetylene	Safety Glasses	Splash Goggles	Face Shield & Eye Protection	Goggles	Goggles	Boots	Synthetic Leather	Full Body	Full Body	Full Body	Full Body	Full Body	Full Body	Full Body	Full Body
U		v		w		x		y		z		aa		ab	
Ultraviolet	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator	Respirator

GHS Signal Word:
DANGER

GHS Hazard Pictograms:





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GHS Classifications:

Physical, Corrosive to Metals, 1
Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 1 A
Health, Serious Eye Damage/Eye Irritation, 1
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

H290 - May be corrosive to metals
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P234 - Keep only in original container.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.
P321 - Specific treatment (see supplementary first aid instructions on this label).
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P337+313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P391 - Collect spillage. Hazardous to the aquatic environment.
P403+233 - Store in a well ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved waste disposal plant.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
497-19-8	40-6-%	Carbonic acid disodium salt
10101-89-0	20-40%	Trisodium Phosphate Dodecahydrate
6834-92-0	10-30%	Silicic acid (H ₂ SiO ₃), disodium salt
N/A	<5%	Proprietary, non-hazardous, non-regulated



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FIRST AID MEASURES

Inhalation:	Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Take off contaminated clothing and shoes immediately. Wipe/brush off as much chemical as possible from skin BEFORE flushing with water (water will react exothermically with large amounts of residual dry chemical, potentially causing more severe burns). Promptly flush skin with water for at least 15 minutes to ensure all chemical is removed. If reddening develops and/or persists, obtain medical attention.
Eye Contact:	Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. Continue rinsing eyes during transport to hospital.
Ingestion:	Rinse mouth with water. Give 3-4 glasses of water or milk to dilute stomach contents. do NOT induce vomiting. If vomiting occurs, give more water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labeling (see Section 2) and/or Section 11.

Indication of any immediate medical attention and special treatment needed:

No data available.

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FIRE FIGHTING MEASURES

Flamability:	No data available
Flash Point:	DNA
Flash Point Method:	DNA
Burning Rate:	No data available
Autoignition Temp:	No data available
LEL:	No data available
UEL:	No data available

Extinguishing Media:

Water Spray
Carbon Dioxide
Alcohol-Resistant Foam
Dry Chemical

Special Hazards Arising From the Substance or Mixture:

Carbon Oxides
Hydrogen Chloride gas
Phosphorus Oxides
Silicon Oxides
Sodium Oxides
Sulfur Oxides

Advice for Firefighters:

If incarcerated, may release toxic fumes.

Use water spray to cool unopened containers. Wet or damp material may start to decompose and release heat causing any



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nearby combustibles to catch fire. If containers begin to discolor or vent violently, emergency responders should evacuate area.

When product is exposed to water, it becomes corrosive to light metals such as Zinc & Aluminum, and their alloys (Brass, etc.). Reaction with these metals releases Hydrogen gas, which is flammable and potentially explosive. Use caution when using water to fight fires while near metals.

See Section 7 for more information of safe handling.

See Section 8 for more information on personal protection equipment.

See Section 13 for disposal information.

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, including dust respirator.

Avoid dust formation.

Avoid breathing dust.

Keep from contacting skin or eyes.

Avoid breathing vapors, mist or gas.

Ensure adequate ventilation.

Evacuate personnel to safe areas.

Environmental precautions:

Prevent further release (leakage/spillage) if safe to do so.

Do not allow product to enter drains.

Do not allow to drain to environment.

Methods and materials for containments and cleaning up:

Pick up and arrange disposal without creating dust.

Sweep up, and shovel or collect spillage with an electrically protected vacuum cleaner.

Place contaminated material into suitable, closed containers for disposal.

Dispose of contaminated material according to Section 13.

After spillage has been collected, area may be flushed with water or wet-brushed.

Ensure adequate ventilation.

Reference to other sections:

Comply with federal, state and local regulations on reporting spills.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on proper disposal.

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HANDLING AND STORAGE

Handling Precautions:

Avoid formation of dust or aerosols.

Avoid breathing vapors, mist or dust.

Avoid contact with eyes, skin, or clothing.

Use approved, original containers only.

Keep containers closed when not in use.

Do not expose containers to open flame, excessive heat, or direct sunlight.

Do not puncture or drop containers.

Handle with care and avoid spillage on the floor.

Keep material out of reach of children.

Keep material away from incompatible materials.

Do not use corrosive-sensitive materials for handling product.



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Wash thoroughly after handling.
Ensure adequate ventilation.

Storage Requirements:

Keep away from heat, sparks and flames.
Do not store in direct sunlight.
Store away from strong acids, strong bases, strong reducing agents, strong oxidizing agents, organic materials, water, reactive metals (Zinc & Aluminum) and their alloys (Brass, etc.), Alkali metals (Lithium, Sodium, Potassium, etc.), Tin & Tin oxides and Lead.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Personal Protective Equip:

Eye/face protection:

When using material use safety glasses, gloves and apron according to HMIS PP, C. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:

Handle with gloves made from Neoprene, Nitrile or Buna rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.

Body Protection:

Chemically resistant gloves, apron and safety glasses are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Respiratory protection:

Full-face dust/vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.

Control of environmental exposure:

Prevent leakage or spillage if safe to do so. Do not let material enter drains.

Components with workplace control parameters:

Component(s): Trisodium Phosphate Dodecahydrate

CAS No(s): 10101-89-0

USA Workplace Environmental Exposure Levels (WEEL): 5 mg/m³

Biological occupational exposure limits:

Contains no substances with biological occupational exposure limits values.



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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White, granular powder	Odor:	Piney
Physical State:	Solid	Molecular Formula:	MIXTURE
Odor Threshold:	Not determined	Solubility:	100%
Particle Size:	No data available	Softening Point:	Not determined
Spec Grav./Density:	DNA	Percent Volatile:	DNA
Viscosity:	Not determined	Heat Value:	Not determined
Sat. Vap. Conc.:	DNA	Freezing/Melting Pt.:	Not determined
Boiling Point:	Not determined	Flash Point:	DNA
Flammability:	(solid, gas): Not determined	Octanol:	Not determined
Partition Coefficient:	Not determined	Vapor Density:	(air = 1): Not determined
Vapor Pressure:	(mm Hg @ 20 °C): DNA	VOC:	DNA
pH:	@ 1%: > 12.5	Bulk Density:	Not determined
Evap. Rate:	DNA	Auto-Ignition Temp:	Not determined
Molecular weight:	MIXTURE	UFL/LFL:	DNA
Decomp Temp:	Not determined		

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STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Incompatibilities, flames, ignition sources.
Materials to Avoid:	Strong acids, strong bases, strong reducing agents, strong oxidizing agents, organic materials, water, reactive metals (Zinc & Aluminum) and their alloys (Brass), Alkali metals (Lithium, Sodium, Potassium, etc.), Tin & Tin oxides and Lead.
Hazardous Decomposition:	Carbon Oxides, Hydrochloric Acid gas, Phosphorus Oxides, Silicon Oxides, Sodium Oxides and Sulfur Oxides.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Component(s): Carbonic acid disodium salt; Trisodium Phosphate Dodecahydrate; Silicic acid (H₂SiO₃), disodium salt
CAS No(s): 497-19-8; 10101-89-0; 6834-92-0

Acute Toxicity:

LD50 Oral - Rat: 1,152 - 1,349 mg/kg
LD50 Dermal - Rabbit: > 7,940 mg/kg
LD50 Intraperitoneal - Mouse: 430 mg/kg
LC50 Inhalation - Rat: 5,750 mg/l (2 h)
LDLo Intravenous - Rabbit: 1,580 mg/kg

Skin Corrosion/Irritation: Rabbit skin - Corrosive (4 h)

Serious Eye Damage/Eye Irritation: Rabbit eyes - Corrosive (24 h)

Respiratory or Skin Sensitation: No data available.

Germ Cell Mutagenicity:

Oral - Drosophila melanogaster (Fruit Fly): 11 pph - Sex chromosome loss and non-disjunction.



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Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity:

Reproductive Toxicity Oral - Rat: Effects on newborn - Stillbirth, Live birth index, Weaning or lactation index

Specific Target Organ Toxicity - Single Exposure: Respiratory system - May cause respiratory irritation.

Specific Target Organ Toxicity - Repeated Exposure: No data available.

Aspiration Hazard: No data available.

Additional Information:

Component: Carbonic acid disodium salt; RTECS: VZ4050000

Component: Trisodium Phosphate Dodecahydrate; RTECS: TC9575000

Component: Silicic acid (H₂SiO₃), disodium salt; RTECS: VV9287500

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ECOLOGICAL INFORMATION

Component(s): Carbonic acid disodium salt; Trisodium Phosphate Dodecahydrate; Silicic acid (H₂SiO₃), disodium salt
CAS No(s): 497-19-8; 10101-89-0; 6834-92-0

Toxicity:

Toxicity to fish:

LC50 - Lepomis macrochirus (Bluegill): 300 mg/l (96 h)

LC0 - Leuciscus idus (Golden Orfe): 2,400 mg/l (48 h)

Semi-static LC50 - Danio rerio (Zebra Fish): 210 mg/l (96 h)

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water Flea): 265 mg/l (48 h)

Persistence and Degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in Soil:

No data available.

Results of PBT and vPvB assessment:

Not required/conducted.

Other Adverse Effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.



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DISPOSAL CONSIDERATIONS

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

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TRANSPORT INFORMATION

DOT (US)

Non-regulated material, solid

IMDG

Non-regulated material, solid

IATA

Non-regulated material, solid

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Carbonic acid disodium salt (497198 40-60%) NJHS, PA, SARA311/312, TSCA

*Trisodium Phosphate Dodecahydrate (10101890 20-40%) MASS, NJHS, PA, SARA311/312, TSCA

*Silicic acid (H₂SiO₃), disodium salt (6834920 10-30%) NJHS, PA, SARA311/312, TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

NJHS = New Jersey Right to Know Hazardous Substances

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act



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OTHER INFORMATION

Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that Kisco Sales, Inc. believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of Kisco Sales, Inc.'s control, Kisco Sales, Inc. makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

Preparation Information:

GHS Conversion Services
www.ghsconversionservices.com
(414) 336-2546