

TD Blue - Post Teat Dip

MSDS Number: H698122

Revision Date: August 28, 2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: TD Blue - Post Teat Dip
Revision Date: August 28, 2015
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Manufactured for:

Kärcher North America, Inc.
 325 South Price Road
 Chandler, AZ 85224

Phone: 360-833-1600
Fax: 360-833-9200
Email: info@karcherna.com
Web: www.karcher.com

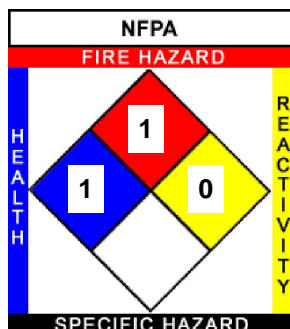
Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation
Target Organs: Eyes; Skin
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: No significant adverse health effects are expected to develop if only small amounts are swallowed. Swallowing large amounts may cause abdominal discomfort and diarrhea.

NFPA:
 HMIS III:

Health = 1, Fire = 1, Reactivity = 0
 H1/F1/PH0



HMIS III	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX					
A	Goggles	G	Goggles + Gloves + Respirator		
B	Goggles + Gloves	H	Goggles + Gloves + Boots + Respirator		
C	Goggles + Gloves + Boots	I	Goggles + Gloves + Respirator		
D	Face Shield + Gloves + Boots	J	Goggles + Gloves + Boots + Respirator		
E	Goggles + Gloves + Respirator	K	Goggles + Gloves + Boots + Respirator		
F	Goggles + Gloves + Boots + Respirator	X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions		
A	Safety Glasses	n	Splash Goggles	o	Face Shield & Eye Protection
p	Gloves	q	Boots	r	Synthetic Apron
s	Full Suit	t	Dust Respirator	u	Vapor Respirator
w	Dust & Vapor Respirator	y	Full Face Respirator	z	Airline Hood or Mask
Additional Information					



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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 3 Oral
Health, Acute toxicity, 3 Dermal
Environmental, Hazards to the aquatic environment - Chronic, 1

GHS Phrases:

H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H410 - Very toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
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.
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.

P362 - Take off contaminated clothing and wash before reuse.
P501 - Dispose of contents/container to an approved waste disposal plant

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
10049-04-4	2-5%	Chlorine dioxide

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

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FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. If irritation persists consult medical personnel.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.



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5 FIRE FIGHTING MEASURES

Flash Point: 100°C/ 212°F
Flash Point Method: Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.
Storage Requirements: Keep away from children. Store in cool/dry area; Keep container closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

EXPOSURE LIMITS: Chlorine dioxide (Note: Limits are for concentration in air, not aqueous solution.) Chlorine Dioxide 10049-04-4 OSHA PEL 0.1 ppm

Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple	Odor:	Sweet
Physical State:	Liquid	Solubility:	Soluble
Spec Grav./Density:	8.34 lb/gal		
pH:	7.5 - 9.0		

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: None known
Materials to Avoid: None Known
Hazardous Decomposition: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.
Hazardous Polymerization: Will not occur.



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11 TOXICOLOGICAL INFORMATION

Chlorine Dioxide 10049-04-4

Oral (LD 50): 292 mg/kg - Rat

Inhalation (LC 50): >547 gm/m³ - mouse

Skin irritation: Mild - Rabbit

Eye irritation: Mild - Rabbit

Sensitization: Not considered an occupational sensitizer

12 ECOLOGICAL INFORMATION

No data available on this product.

13 DISPOSAL CONSIDERATIONS

Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water.

14 TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES

*Chlorine dioxide (10049044 2-5%) MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

MASS = MA Massachusetts Hazardous Substances List
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level



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OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager