

Axiom Clean Extraction Detergent

MSDS Number: S773

Revision Date: November 20, 2013

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Contact: Prochem
Phone: 480-899-7000
Fax: 480-786-9538
Email: info@prochem.com
Web: www.prochem.com

Product Name: Axiom Clean Extraction Detergent
Revision Date: November 20, 2013
Version: 44-50M
MSDS Number: S773

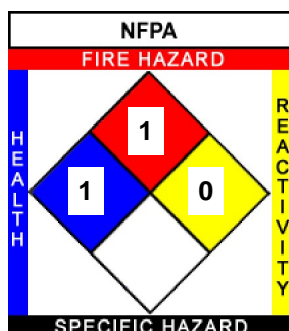
Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

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: Ingestion is not applicable route of entry for intended use.

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	Eye Protection	G	Eye Protection, Hand Protection, Foot Protection
B	Eye Protection, Hand Protection	H	Eye Protection, Hand Protection, Body Protection, Foot Protection
C	Eye Protection, Hand Protection, Body Protection	I	Eye Protection, Hand Protection, Foot Protection
D	Eye Protection, Hand Protection, Body Protection, Foot Protection	J	Eye Protection, Hand Protection, Body Protection, Foot Protection, Respiratory Protection
E	Eye Protection, Hand Protection, Body Protection, Foot Protection, Respiratory Protection	K	Respiratory Protection, Hand Protection, Body Protection, Foot Protection
F	Eye Protection, Hand Protection, Body Protection, Foot Protection, Respiratory Protection, Additional Protection	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	U	Vapor Respirator
w	Dust & Vapor Respirator	y	Full Face Respirator
z	Airline Hood or Mask		Additional Information

GHS Classifications:
 Health, Acute toxicity, 5 Oral
 Health, Acute toxicity, 5 Dermal

Axiom Clean Extraction Detergent

MSDS Number: S773

Revision Date: November 20, 2013

Page 2 of 4

GHS Phrases:

- Warning, H303 - May be harmful if swallowed
- Warning, H313 - May be harmful in contact with skin

GHS Precautionary Statements:

Call a POISON CENTER or doctor/physician if you feel unwell.

GHS PICTOGRAMS: No GHS Pictograms

3 HAZARDS IDENTIFICATION

Ingredients:

CAS #	Percentage	Chemical Name
34590-94-8	<3%	Dipropylene glycol methyl ether

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.

4 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.

5 FIRE FIGHTING MEASURES

- Flash Point:** >212°F/ 100°C
- 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.

Axiom Clean Extraction Detergent

MSDS Number: S773

Revision Date: November 20, 2013

Page 3 of 4

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

Dipropylene glycol methyl ether 34590-94-8 OSHA PEL 100 ppm/ 600 mg/m3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Kelly green

Physical State: Liquid

Spec Grav./Density: 9.27 lb/gal

pH: 9.22 as is/ 7.5 - 8.0 RTU

Solubility: Soluble

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.

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Dipropylene glycol methyl ether 34590-94-8

Oral (LD 50): 5400 uL/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Mild - Rabbit

Eye irritation: Mild - Rabbit

Sensitization: Not considered an occupational sensitizer

Axiom Clean Extraction Detergent

MSDS Number: S773

Revision Date: November 20, 2013

Page 4 of 4

12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

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

*Dipropylene glycol methyl ether (34590948 <3%) MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

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

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS = Workplace Haz Mat Info Sys Canada

16 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

Phone Number: [480] 899-7000