

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200

9LH9B898 : @CK 79 @@CLEAN

Version 1.3

Print Date 02/24/2010

Revision Date 02/24/2010

MSDS Number 350000011098
SITE_FORM Number
30000000000000009248.003

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : EXTENDED FLOW CELL CLEAN

Use of the : Speciality Cleaner
Substance/Preparation
Company : Accuri Cytometers, Inc.
173 Parkland Plaza
Ann Arbor, MI 48103

Emergency telephone : 800-CHEM-TREC
800-243-6873

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : clear / liquid / pleasant

Immediate Concerns : No adverse effects expected when used as directed.

Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : None known.

Skin : None known.

Inhalation : None known.

Ingestion : None known.

Aggravated Medical : None known.
Condition

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	60.00 - 100.00
Ethyl alcohol	64-17-5	1.00 - 5.00

4. FIRST AID MEASURES

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Eye contact	: Rinse with plenty of water. Get medical attention if irritation develops and persists.
Skin contact	: Wash off with soap and water.
Inhalation	: Remove to fresh air.
Ingestion	: Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical, water fog
Specific hazards during fire fighting	: Container may melt and leak in heat of fire.
Further information	: Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Standard procedure for chemical fires. Cool and use caution when approaching or handling fire-exposed containers.
Flash point	: 149 °F Method: Tag Closed Cup (TCC)
Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: Remove all sources of ignition.
Methods for cleaning up	: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

Advice on safe handling	: Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS.
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Advice on protection : Keep away from heat and sources of ignition.
against fire and explosion

Storage

Requirements for storage : Keep in a dry, cool and well-ventilated place.
areas and containers Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Ethyl alcohol	64-17-5 -		1,000 ppm	ACGIH TWA
Ethyl alcohol	64-17-5 1,900	mg/m3	1,000 ppm	OSHA TWA

Personal protective equipment

Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.

Household setting : No personal respiratory protective equipment normally required.

Hand protection

Industrial setting : not required under normal use

Household setting : not required under normal use

Eye protection

Industrial setting : No special requirements.

Household setting : No special requirements.

Hygiene measures : Use only with adequate ventilation. Wash thoroughly after handling.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	liquid
Color :	clear
Odor :	pleasant
pH :	10.8
Melting point :	no data available
Boiling point :	no data available
Freezing point :	no data available
Flash point :	149 °F Method: Tag Closed Cup (TCC)
Evaporation rate :	no data available
Flammability (solid, gas) :	Does not sustain combustion.
Autoignition temperature :	no data available
Lower explosion limit :	no data available
Upper explosion limit :	no data available
Vapour pressure :	no data available
Density :	0.9927 g/cm3 at 20 °C
Water solubility :	completely soluble
Solubility in other solvents :	completely soluble
Specific Gravity :	8.28
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	3.9 % - does not include any applicable regulatory exemptions

10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

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Materials to avoid	:	Do not mix with oxidizing agents. Strong acids
Hazardous decomposition products	:	When exposed to fire, produces normal products of combustion.
Hazardous reactions	:	Stable

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 Calculated > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	LD50 estimated > 2,000 mg/kg
Chronic effects		
Carcinogenicity	:	no data available
Mutagenicity	:	no data available
Reproductive effects	:	no data available
Teratogenicity	:	no data available
Sensitisation	:	Not known to be a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	:	no data available
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13. DISPOSAL CONSIDERATIONS

Industrial setting	:	Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding
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disposal.

Household setting : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Land transport

U.S. DOT and Canadian TDG Surface Transportation:

NA number 1993
Proper shipping name Combustible Liquid, N.O.S.
Class: Combustible liquid
Packaging group: III

Note: SC Johnson ships this product as "Non-Regulated" per DOT exception for Combustible Liquids. (49 CFR 173.150)

Sea transport

IMDG:

UN-Number: None.
Packaging group: None.
Proper shipping name not regulated
Class: None.

Air transport

ICAO/IATA:

Class: None.
Packaging group: None.
Proper shipping name not regulated
UN/ID No.: None.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.
: This product has been classified in accordance with hazard

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criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	2
Reactivity	0

NFPA Ratings

Health	0
Fire	2
Reactivity	0
Special	

Further information

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