

MSDSonline
— a VelocityEHS solution —

Desktop Icon for Material Safety Data Sheets



Your safety is important to us! Use this online resource to lookup what chemicals Mercy uses, how to handle them safely and the proper procedure to follow in the event of an accidental exposure.

Search eBinder by

All Categories

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Filters

2103 products (0) selected

Search

Select All

	Product Name	Revision Date	Product CAS #
<input type="checkbox"/>	 CLINICAL CHEMISTRY Water Bath Additive - KIT Abbott Diagnostics	05/07/2020	—
<input type="checkbox"/>	 Liquichek Ethanol/Ammonia Control Bio-Rad Laboratories - Diagnostic Group	07/01/2020	—
<input type="checkbox"/>	 Liquichek Immunoassay Plus Control, Level 1 Bio-Rad Laboratories (Canada) Ltd.	10/20/2016	—



SAFETY DATA SHEET

OXYCIDE DAILY DISINFECTANT CLEANER

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : OXYCIDE DAILY DISINFECTANT CLEANER
 Other means of identification : Not applicable
 Recommended use : Disinfectant
 Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 2.34 %
 3 OZ/GAL OR 23 ML/L IN WATER

Company : Ecolab Inc.
 1 Ecolab Place
 St. Paul, Minnesota USA 55102
 1-800-352-5326

Emergency health information : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 11/29/2017

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Product AS SOLD
 Oxidizing liquids : Category 2
 Organic peroxides : Type F
 Acute toxicity (Oral) : Category 4
 Acute toxicity (Inhalation) : Category 3
 Skin corrosion : Category 1A
 Serious eye damage : Category 1

Product AT USE DILUTION

Acute toxicity (Oral) : Category 4

GHS label elements

Product AS SOLD
 Hazard pictograms :



Signal Word : Danger

Hazard Statements : Heating may cause a fire.
 May intensify fire; oxidizer.
 Harmful if swallowed.
 Causes severe skin burns and eye damage.
 Toxic if inhaled.

Precautionary Statements : **Prevention:**
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep/Store away from clothing/ combustible materials. Take any
 precaution to avoid mixing with combustibles. Keep only in original
 container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash

Product Identifier

Manufacturer

GHS Pictograms

SDS Sheets Have 16 Sections

Hazard Statements

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Product AS SOLD
 Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
Hydrogen peroxide	7722-84-1	TWA	1 ppm	ACGIH
			1 ppm	NIOSH REL
			1.4 mg/m ³	
Acetic acid	64-19-7	TWA	1 ppm	OSHA Z1
			1.4 mg/m ³	
			10 ppm	ACGIH
Peroxyacetic acid	79-21-0	STEL	15 ppm	ACGIH
			15 ppm	NIOSH REL
			37 mg/m ³	
Hydrogen peroxide	7722-84-1	TWA	10 ppm	NIOSH REL
			25 mg/m ³	
			10 ppm	OSHA Z1
		TWA	10 ppm	OSHA Z1
		TWA	25 mg/m ³	
Peroxyacetic acid	79-21-0	STEL	0.4 ppm	ACGIH

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Wear eye protection/ face protection.

Hand protection : Wear the following personal protective equipment:
 Standard glove type.
 Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Product AT USE DILUTION

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : No special protective equipment required.

Ingredients

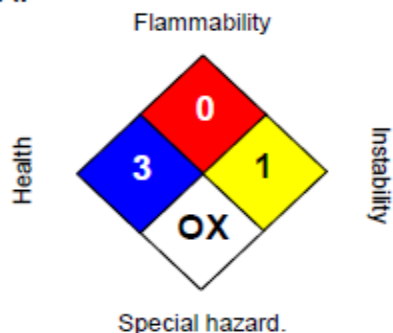
Exposure Control

Product at Dilution

Personal Protective Equipment

SECTION 16. OTHER INFORMATION**Product AS SOLD**

NFPA:



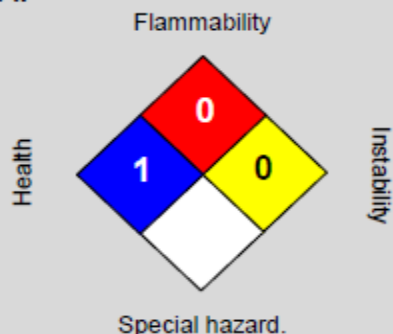
HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Product AT USE DILUTION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Issuing date : 11/29/2017
Version : 2.4
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

Right-To-Know: Safety Data Sheets (HCS/GHS Format)

It's Your Right-To-Know...

In September 2009, OSHA submitted its proposal to align the Hazard Communication Standard (HCS) 29 CFR §1910.1200 with the United Nation's Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

One of many changes involved is the move from a performance-oriented approach to a standardized format for Safety Data Sheets (SDS), previously called Material Safety Data Sheets (MSDS). The goal is to enhance hazard communication and protect employee health.

What Won't Change

- Employers must have an SDS in the workplace for each hazardous chemical used.
- SDS must be readily available to employees in their work areas and during their shifts.
- SDS must be in English.

What Will Change

- SDS must include at least the required section numbers and headings*.
- These section numbers and headings are taken from the GHS.

Timing is Everything

- Employers are required to train employees on new safety data sheets by 2 years, and be in compliance with all modified provisions no later than 3 years, after publication of the final HCS rule.

* This poster describes the minimum information that an SDS must include to comply with the HCS/GHS. "Non-Mandatory" sections fall outside of OSHA's jurisdiction and will not be enforced. However, they are included to show that a fully GHS-compliant SDS will have to address these areas in addition to OSHA-mandated ones.

Source: www.osha.gov

Note: The information included in this poster is believed to be accurate and correct. However, Accutest makes no warranty to the effect and is not liable for how this product is used. Users are responsible for determining the product's appropriateness for their specific application.

1

Identification



- Product identifier used on the label;
- Other means of identification;
- Recommended use of the chemical and restrictions on use;
- Name, address, and telephone number of the manufacturer, importer, or other responsible party;
- Emergency phone number.

2

Hazard(s) Identification



- Classification of the chemical;
- Signal word, hazard statement(s), symbol(s) and precautionary statement(s);
- Unclassified hazards (e.g., combustible dust).

3

Composition/Information on Ingredients



For Substances

- Chemical name;
- Common name and synonyms;
- CAS number and other unique identifiers;
- Impurities and stabilizing additives which are classified.

For Mixtures

The chemical name and concentration or concentration ranges of all ingredients which are classified as health hazards.

Note on Trade Secret Claims: Statement must be provided if chemical identity and composition have been withheld.

4

First Aid Measures



- Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion;
- Most important symptoms/effects, acute and delayed;
- Indication of immediate medical attention and special treatment needed, if necessary.

5

Fire Fighting Measures



- Suitable (and unsuitable) extinguishing media;
- Specific hazard arising from the chemical (e.g., nature of any hazardous combustion products);
- Special protective equipment and precautions for fire-fighters.

6

Accidental Release Measures



- Personal precautions, protective equipment, and emergency procedures;
- Methods and materials for containment and cleaning up.

7

Handling and Storage



- Precautions for safe handling;
- Conditions for safe storage, including any incompatibilities.

8

Exposure Controls/Personal Protection



- OSHA permissible exposure limit (PEL) and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet;
- Appropriate engineering controls;
- Individual protection measures, such as personal protective equipment.

9

Physical and Chemical Properties



- | | |
|---|---|
| (a) Appearance (physical state, color, etc.); | (j) Upper/lower flammability or explosive limits; |
| (b) Odor; | (k) Vapor pressure; |
| (c) Odor threshold; | (l) Vapor density; |
| (d) pH; | (m) Relative density; |
| (e) Melting point/freezing point; | (n) Solubility(ies); |
| (f) Initial boiling point and boiling range; | (o) Partition coefficient: n-octanol/water; |
| (g) Flash point; | (p) Auto-ignition temperature; |
| (h) Evaporation rate; | (q) Decomposition temperature; |
| (i) Flammability (solid, gas); | (r) Viscosity. |

10

Stability and Reactivity



- Reactivity;
- Chemical stability;
- Possibility of hazardous reactions;
- Conditions to avoid (e.g., static discharge, shock, or vibration);
- Incompatible materials;
- Hazardous decomposition products.

11

Toxicological Information



- Description of various toxicological (health) effects and available data:
- Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact);
 - Symptoms related to the physical, chemical and toxicological characteristics;
 - Delayed and immediate effects and also chronic effects from short and long term exposure;
 - Numerical measures of toxicity (such as acute toxicity estimates).

12

Ecological Information (Non-Mandatory)



- Ecotoxicity (aquatic and terrestrial, where available);
- Persistence and degradability;
- Bioaccumulation potential;
- Mobility in soil;
- Other adverse effects (such as hazardous to the ozone layer).

13

Disposal Considerations (Non-Mandatory)



Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

14

Transport Information (Non-Mandatory)



- UN number;
- UN proper shipping name;
- Transport hazard class(es);
- Packing group, if applicable;
- Environmental hazards (e.g., Marine pollutant (Yes/No));
- Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code);
- Special precautions.

15

Regulatory Information (Non-Mandatory)



Safety, health and environmental regulations specific for the product in question.

16

Other Information



The date of preparation of the SDS or the last change to it.



NFPA Rating Explanation Guide



HEALTH HAZARD

- 4 = Can be lethal
- 3 = Can cause serious or permanent injury
- 2 = Can cause temporary incapacitation or residual injury
- 1 = Can cause significant irritation
- 0 = No hazard

FLAMMABILITY HAZARD

- 4 = Will vaporize and readily burn at normal temperatures
- 3 = Can be ignited under almost all ambient temperatures
- 2 = Must be heated or high ambient temperature to burn
- 1 = Must be preheated before ignition can occur
- 0 = Will not burn

OX = Oxidizing

SA = Simple asphyxiants

W = Reacts violently or explosively with water

- 4 = May explode at normal temperatures and pressures
- 3 = May explode at high temperature or shock
- 2 = Violent chemical change at high temperatures or pressures
- 1 = Normally stable. High temperatures make unstable
- 0 = Stable

SPECIAL HAZARD

INSTABILITY HAZARD

This chart for reference only - For complete specifications consult the NFPA 704 Standard

Globally Harmonized System (GHS)

GHS Labels

The illustration below identifies the components of a GHS label. Actual label design and layout may vary and are subject to the discretion of the competent authority.

Product Identifier
Should match the product identifier used on the (Material) Safety Data Sheets.

Pictograms
Graphical compositions intended to convey specific hazard information.

Precautionary Statements
Describes recommended measures to minimize or prevent adverse effects resulting from exposure.

Signal Word
Indicates the relative level of the hazard's severity. "Danger" and "Warning" are the GHS signal words.

Hazard Statements
A phrase assigned to a hazard class and category that describes the nature of the product hazards.

Supplier Identification
The name, address and telephone number of the manufacturer or supplier.

ACETONE CAS Number: 67-64-1
Category 2 Flammable Liquid and Category 2A Eye Damage/Irritation

DANGER
Highly flammable liquid and vapor.
Causes severe eye irritation.

Keep away from heat, sparks and flame - No smoking. Take precautionary measures against static discharge. Keep from direct sunlight. Keep container closed when not in use. Store in a cool/low temperature, well-ventilated place away from heat and ignition sources. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment, avoid direct contact. Flush eyes with water for at least 15 minutes while holding eyelids open.

Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____ Telephone: _____

GHS Pictograms



Flame
(Flammables)



Flame Over Circle
(Oxidizers)



Explosion Bomb
(Explosives)



Corrosive
(Corrosives)



Gas Cylinder
(Gases Under Pressure)



Skull & Crossbones
(Acute Toxicity)



Exclamation Mark
(Irritants/Sensitizers/
Other Hazards)



Environment
(Aquatic Hazards)



Health Hazard
(Specific Toxicity
Hazards)



1.4.10.5.4.1 Location of GHS information on the label

"The GHS hazard pictograms, signal word and hazard statements should be located together on the label. The competent authority may choose to provide a specified layout for the presentation of these and for the presentation of precautionary information, or allow supplier discretion."

For more information, please consult the United Nations Economic Commission for Europe (UNECE) and the Occupational Safety & Health Administration (OSHA).

Note: The information included in this poster is believed to be accurate and current. However, Accuform makes no warranty to that effect and is not liable for how this product is used. Users are responsible for determining the product's appropriateness for their respective applications. R.2011.

Pictured are the standard hazard symbols used in the GHS. Symbols can be used individually and in combinations to define the specific hazard(s) of the chemical.