

# SAFETY DATA SHEET

Document ID: B71520 Version AJ  
Revision Date (year/month/day) 2025/07/28  
Last Revision Date (year/month/day) 2025/07/13

## Section 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** MicroScan 0.8% Sulfanilic Acid Reagent

**Part number** 6668-30/W, B1010-44A, B1015-44

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product use** For In Vitro Diagnostic Use. See product literature for details.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

Beckman Coulter, Inc.  
250 S. Kraemer Blvd  
Brea, CA 92821, U.S.A.  
Tel: 800-854-3633

#### Supplier

CANADA  
Beckman Coulter Canada LP  
7075 Financial Drive  
Mississauga, ON L5N 6V8  
Canada  
1-800-463-7828

UNITED KINGDOM  
Beckman Coulter (UK) Ltd.  
Amersham Place  
Little Chalfont  
Buckinghamshire  
United Kingdom, HP7 9NA  
01494 441181

AUSTRALIA  
Beckman Coulter Australia Pty Ltd  
23-27 Chaplin Drive  
Lane Cove NSW 2066  
Australia  
ABN 81 002 011 672  
24 Hour emergency contact phone  
number:  
1800 060 881

SWITZERLAND  
Beckman Coulter Eurocenter SA  
22, rue Juste-Olivier, Case Postale  
1044,  
CH-1260 Nyon 1, Switzerland.  
Telephone: +41 (0)22 365 36 11  
Monday through Friday, 9:00 am to  
7:00pm)

NEW ZEALAND  
Beckman Coulter NZ  
Unit J, 33 Walmsley Road, Otahuhu,  
Auckland 1062, New Zealand  
Hours available: 08:30 - 17:00

Beckman Coulter Ireland Inc.  
Lismeehan  
O'Callaghan's Mills  
Co. Clare  
Ireland  
Tel: 353 (0)65 6831100

ICELAND / ÍSLAND  
Beckman Coulter AB  
Ekbacksvägen 28  
168 69 Bromma  
Sweden  
Phone No.: +46 80564 85 900  
Hours available: 08.00-16.30

MALTA  
DX Distributor:  
Cherubino Ltd  
DELFI Building, Sliema Road, Gzira,  
GZR 1637  
Telephone: +356 21343270  
Hours available: 08:30 – 17:00

## Section 1 Identification of the substance/mixture and of the company/undertaking (Continued)


<b>e-mail address</b>	SDSNT@beckman.com
<b>1.4 Emergency telephone number</b>	
<b>Telephone number (24H)</b>	Chemtrec Emergency Tel No. U.S.A. 800-424-9300, International (001) 703-527-3887
<b>Distributor and emergency phone no.</b>	Refer to attached list, Document ID: <a href="#">472050</a> , for local distributor and emergency phone numbers. UNITED STATES - Emergency Phone (24h): Chemtrec (800) 424-9300, International (001) 703-527-3887 CANADA - Poison Centre: 1-844-764-7669; Centre antipoison du Québec: 1-800-463-5060 UNITED KINGDOM - For UK and Scotland: Emergency Call 999 IRELAND - National Poisons Information Centre Phone No.: Members of Public: +353 (01) 809 2166 (8:00 am to 10:00 pm 7 days a week); Healthcare Professionals: +353 (01) 809 2566 (24 hour service) AUSTRALIA - 24 Hour emergency contact phone number: 1800 060 881 NEW ZEALAND - 24 Hour emergency number: 0800 446 109

## Section 2 Hazards identification

### 2.1 Classification of the substance or mixture

<b>Product description</b>	Mixture Colorless; Liquid; Pungent
<b>Classification according to EC 1272/2008 (CLP/GHS)</b>	Skin Corrosion Category 1, H314 Eye Damage Category 1, H318
<b>Classification according to US-OSHA (HCS 29 CFR 1910.1200) and UN GHS</b>	Skin Corrosion Category 1 Eye Damage Category 1 Skin Sensitization Category 1

### 2.2 Label elements

<b>According to EC 1272/2008 (CLP/GHS), US-OSHA and UN GHS</b>
<b>Hazardous ingredients</b> Sulphanilic Acid Acetic Acid
<b>Pictogram</b> 
<b>Signal word</b> DANGER

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## Section 2 Hazards identification (Continued)

### Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

### Precautionary statements

#### Prevention

P261 Avoid breathing vapours.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing and eye/face protection.

#### Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Rinse skin with water.

P304+P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before use.

P363 Wash contaminated clothing before reuse.

#### Storage

P405 Store locked up.

#### Disposal

P501 Dispose of contents/container in accordance with local/national regulations

Product label will display most significant precautionary statements.

### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

See Section 11 Toxicological Information for more detailed health information.

## Section 3 Composition and information on ingredients

### 3.2 Mixtures

Hazardous ingredients:		Hazard classification of pure ingredients		
Chemical name	% by wt.	EU 1272/2008 CLP/GHS	GHS	Note
Acetic Acid CAS # 64-19-7 EINECS # 200-580-7 Index # 607-002-00-6	25 - 35	Flam. Liq. 3, H226 Skin Corr. 1A, H314  Specific Concentration Limit (SCL) Skin Irrit. 2 H315 >= 10% - < 25% Skin Corr. 1A H314 >= 90% Skin Corr. 1B H314 >= 25% - < 90% Eye Irrit. 2 H319 >= 10% - < 25%	Flam. Liq. 3, H226 Skin Corr. 1A, H314	

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## Section 3 Composition and information on ingredients (Continued)

<p>Sulphanilic Acid CAS # 121-57-3 EINECS # 204-482-5 Index # 612-014-00-X</p>	<p>0.1 - 1</p>	<p>Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317</p>	<p>Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317</p>	
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See section 8 for available Occupational exposure limits  
See Section 15 for additional regulatory information  
See Section 16 for description of hazard class and hazard statements

## Section 4 First aid measures

### 4.1 Description of first aid measures

<b>Inhalation</b>	If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration by trained personnel and obtain medical attention immediately.
<b>Eye contact</b>	If product enters eyes, rinse eyes gently with water for 15 minutes or longer, making sure that the eyelid is held open. Obtain medical advice/attention.
<b>Skin contact</b>	In case of skin contact, rinse with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical advice/attention.
<b>Ingestion</b>	If product is ingested, rinse mouth with water. If irritation or discomfort occurs, obtain medical attention immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Corrosive. May cause burns to eyes, skin and respiratory tract.  
May cause an allergic skin reaction.  
See Section 11 Toxicological Information for more detailed health information.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available. Refer to Section 4.1.

## Section 5 Firefighting measures

<b>5.1 Extinguishing media</b>	In case of fire use carbon dioxide (CO <sub>2</sub> ), dry chemical, water spray or foam. For large fires use extinguishing media suitable for surrounding fire.
<b>5.2 Special hazards arising from the substance or mixture</b> <b>Special fire and explosion hazards</b>	No special hazards determined.
<b>Hazardous combustion products</b>	No combustion products posing significant hazards are expected from this product (an aqueous solution).
<b>5.3 Advice for firefighters</b>	
<b>Protective equipment</b>	Self-contained breathing apparatus is recommended for firefighters in all chemical fire situations.
<b>Additional information</b>	No further relevant information available.

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### Section 6 Accidental release measures

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#### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** Observe general safety guidelines for protection; avoid eye and skin contact.  
Wear protective gloves, protective clothing and tightly sealed eye/face protection.

**6.2 Environmental precautions** Contain spill to prevent migration.  
Do not allow the undiluted product to enter sewers/surface or ground water.

#### 6.3 Methods and material for containment and cleaning up

**Spill and leak procedures** Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose according to local regulations.

**6.4 Reference to other sections** Refer sections 8 and 13.

### Section 7 Handling and storage

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**7.1 Precautions for safe handling** Use good laboratory procedures; avoid eye and skin contact.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store at 15 to 30°C, as directed on the product label.  
To maintain product quality, store according to the instructions in the product labeling.  
Store away from strong acids, strong bases, strong oxidizers and incompatible materials (section 10).

**7.3 Specific end uses** No further relevant information available.

### Section 8 Exposure controls and personal protection

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#### 8.1 Control parameters

##### Exposure limits

##### US OSHA

Acetic Acid  
CAS # 64-19-7 10 ppm TWA; 25 mg/m<sup>3</sup> TWA

##### ACGIH

Acetic Acid  
CAS # 64-19-7 15 ppm STEL; 10 ppm TWA

##### ACGIH Biological Exposure Indices (BEI)

None established

##### DFG MAK

Acetic Acid  
CAS # 64-19-7 20 ppm Peak; 50 mg/m<sup>3</sup> Peak; 10 ppm TWA MAK; 25 mg/m<sup>3</sup> TWA MAK

##### Ireland

Acetic Acid  
CAS # 64-19-7 20 ppm TWA; 50 mg/m<sup>3</sup> TWA; 20 ppm STEL; 50 mg/m<sup>3</sup> STEL

##### IOELVs

Acetic Acid  
CAS # 64-19-7 25 mg/m<sup>3</sup> TWA; 10 ppm TWA; 50 mg/m<sup>3</sup> STEL; 20 ppm STEL

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## Section 8 Exposure controls and personal protection (Continued)

### NIOSH

Acetic Acid  
CAS # 64-19-7 50 ppm IDLH; 15 ppm STEL; 37 mg/m<sup>3</sup> STEL; 10 ppm TWA; 25 mg/m<sup>3</sup> TWA

### China

Acetic Acid  
CAS # 64-19-7 20 mg/m<sup>3</sup> STEL; 10 mg/m<sup>3</sup> TWA

### Croatia

Acetic Acid  
CAS # 64-19-7 10 ppm TWA [GVI]; 25 mg/m<sup>3</sup> TWA [GVI]; 20 ppm STEL [KGI]; 50 mg/m<sup>3</sup> STEL [KGI]

### Japan

Acetic Acid  
CAS # 64-19-7 10 ppm OEL; 25 mg/m<sup>3</sup> OEL

### Sweden (AFS 2015:7 and amendments)

Acetic Acid  
CAS # 64-19-7 5 ppm TLV NGV; 13 mg/m<sup>3</sup> TLV NGV; 10 ppm Binding STEL Bindande KGV; 25 mg/m<sup>3</sup> Binding STEL Bindande KGV

### Turkey

Acetic Acid  
CAS # 64-19-7 10 ppm TWA; 25 mg/m<sup>3</sup> TWA

## 8.2 Exposure controls

### Engineering controls

No special engineering controls are required. Use with good general ventilation.

### Eye protection

Safety glasses or chemical goggles should be worn to prevent eye contact.

Refer U.S. OSHA 29 CFR 1910.133, European Standard EN166 or appropriate government standards.

### Skin protection

Wear impervious gloves such as Nitrile or equivalent and protective clothing. Refer to U.S. OSHA 29 CFR 1910.138, European Standard EN 374, EN 14605:2005+A1:2009 or appropriate government standards.

### Respiratory protection

Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Density and/or relative density</b>	Not determined
<b>Color</b>	Colorless	<b>Solubility</b>	
<b>Odor</b>	Pungent	<b>Water</b>	Miscible
<b>pH</b>	<2	<b>Organic</b>	Not determined

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## Section 9 Physical and chemical properties (Continued)

<b>Freezing point</b>	Not determined	<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	105.47°C (221.846°F)	<b>Auto-ignition temp.</b>	Not applicable
<b>Flash point</b>	Not applicable	<b>Decomposition temperature</b>	Not determined
<b>Flammability</b>	Not applicable	<b>Vapor pressure</b>	2.13 kPa@20°C
		<b>Kinematic viscosity</b>	Not determined
<b>Lower and upper explosion limit</b>	Not applicable		
<b>Relative vapor density</b>	2.07 (air=1)		
<b>Particle characteristics</b>	Not applicable		
<b>9.2 Other information</b>			
<b>Information with regard to physical hazard classes</b>	No further relevant information available.		
<b>Other safety characteristics</b>	No further relevant information available.		

## Section 10 Stability and reactivity

<b>10.1 Reactivity</b>	No further relevant information available.
<b>10.2 Chemical stability</b>	The product is stable in accordance with recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	No further relevant information available.
<b>10.4 Conditions to avoid</b>	To maintain product performance keep away from strong acids, strong bases, strong oxidizers. Avoid exposure to heat and direct sunlight.
<b>10.5 Incompatible materials</b>	No further relevant information available.
<b>10.6 Hazardous decomposition products</b>	No decomposition products posing significant hazards would be expected from this product (an aqueous solution).

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## Section 11 Toxicological information

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### 11.1 Information on hazard classes

#### Toxicity data for hazardous ingredients

Acetic Acid CAS # 64-19-7	Dermal LD50 Rabbit 1060 mg/kg (JAPAN_GHS); Inhalation LC50 Rat 11.4 mg/L 4 h (NLM_CIP); Oral LD50 Rat 3310 mg/kg (JAPAN_GHS)
Sulphanilic Acid CAS # 121-57-3	Dermal LD50 Rat >2000 mg/kg (ECHA_API); Oral LD50 Rat 12300 mg/kg (NLM_CIP)

**Primary routes of exposure** Eye contact, ingestion, inhalation, and skin contact.

**Acute toxicity** Not classified based on available data.

**Skin corrosion/irritation** Contact may cause severe skin burns.

**Serious eye damage/irritation** Contact may cause serious eye damage.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** Not classified based on available data.

**Carcinogenicity** No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 1272/2008 EC regulation.

**Reproductive toxicity** Not classified based on available data.

#### Specific target organ toxicity (STOT) – single exposure

Not classified based on available data.

#### Specific target organ toxicity (STOT) – repeated exposure

Not classified based on available data.

**Aspiration hazard** Not classified based on available data.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

This product does not have substance(s) of endocrine disrupting properties for health according to REACH Article 57(f).

**Other information** No further relevant information available.

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## Section 12 Ecological information

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### 12.1 Toxicity

#### Fresh water species

Acetic Acid CAS # 64-19-7	LC50 96 h Pimephales promelas: 79 mg/L [static] (EPA); LC50 96 h Lepomis macrochirus: 75 mg/L [static] (EPA)
Sulphanilic Acid CAS # 121-57-3	LC50 96 h Pimephales promelas: 77.8 - 129.6 mg/L [static] (EPA)

**Microtox/organisms** No information available.

## Section 12 Ecological information (Continued)

### Water flea

Acetic Acid EC50 48 h Daphnia magna: 65 mg/L [Static] (EPA)  
CAS # 64-19-7

Sulphanilic Acid EC50 48 h Daphnia magna: 85.66 mg/L (IUCLID)  
CAS # 121-57-3

### Fresh water algae

Sulphanilic Acid EC50 72 h Desmodesmus subspicatus: 91 mg/L (IUCLID)  
CAS # 121-57-3

**12.2 Persistence and degradability** Not determined for the product.

**12.3 Bioaccumulative potential** Not determined for the product.

**12.4 Mobility in soil** Not determined for the product.

### 12.5 Results of PBT and vPvB assessment

Not determined for the product. PBT: Not applicable, vPvB: Not applicable.

### 12.6 Endocrine disrupting properties

This product does not have substance(s) of endocrine disrupting properties for environment according to REACH Article 57(f).

**12.7 Other adverse effects** No further relevant information available.

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

#### Product waste disposal

Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

#### Package disposal

Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.

#### Additional information

Suggested European waste catalogue 18 01 06\* - chemicals consisting of or containing dangerous substances. Dispose in accordance with national, state and local waste regulations.

## Section 14 Transport information

Shipping information	IATA	IMDG	US DOT	European ADR	Canadian TDG
<b>14.1 UN/ID number</b>	2790	2790	2790	2790	PIN - 2790
<b>14.2 UN proper shipping name</b>	Acetic acid solution				
<b>14.3 Transport hazard class(es)</b>	8 Corrosives	8 Corrosive	8 Corrosives	8 Corrosive	8 Corrosives
<b>Subsidiary risk</b>	None	None	None	None	None
<b>Classification code</b>	Not applicable	Not applicable	Not applicable	C3	Not applicable

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## Section 14 Transport information (Continued)

<b>14.4 Packing group</b>	III	III	III	III	III
<b>Special provisions</b>	A803	None	148	597, 647	None
<b>Additional information</b>					
<b>IATA ERG code</b>	8L	Not applicable	Not applicable	Not applicable	Not applicable
<b>EmS</b>	Not applicable	F-A, S-B	Not applicable	Not applicable	Not applicable
<b>NAERG code</b>	Not applicable	Not applicable	153	Not applicable	153
<b>14.5 Environmental hazards</b>					
<b>Marine pollutant</b>	Not applicable	No	Not applicable	Not applicable	Not applicable
<b>14.6 Special precautions for user</b>	Warning: Corrosive substances.				
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable				

## Section 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### US Federal and State Regulations

##### **SARA 313 (Section 313, Title III reporting requirements)**

No ingredients listed.

##### **CERCLA (The Comprehensive Environmental Response, Compensation, and Liability Act) 40 CFR 302.4**

CAS # 64-19-7      Acetic Acid

##### **California Proposition 65**

###### **Chemical which is known to the State of California to cause cancer**

No ingredients listed.

###### **Chemical which is known to the State of California to cause development toxicity**

No ingredients listed.

###### **Chemical which is known to the State of California to cause male reproductive toxicity**

No ingredients listed.

###### **Chemical which is known to the State of California to cause female reproductive toxicity**

No ingredients listed.

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## Section 15 Regulatory information (Continued)

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### Massachusetts Right To Know (RTK) List

CAS # 64-19-7      Acetic Acid

### New Jersey Dept. of Health Right To Know (RTK) List

CAS # 64-19-7      Acetic Acid

### Pennsylvania Right To Know (RTK) List

CAS # 64-19-7      Acetic Acid

### EU Regulations

This SDS complies with EC Regulations 1907/2006 (REACH) and amendments.

### **Water Hazard Class (Germany)**

WGK 1, low water endangering

### **Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - Substances Subject to Suspicious Transactions Reporting**

No ingredients listed.

### **Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - Restricted Explosives Precursors**

No ingredients listed.

### **REACH 1907/2006 EC - Candidate List of Substances of Very High Concern (SVHC)**

No ingredients listed.

### **REACH 1907/2006 EC - Annex XVII – Restrictions on Certain Dangerous Substances**

CAS # 64-19-7      Acetic Acid      Entry No.: 75 (B)

CAS # 121-57-3      Sulphanilic Acid      Entry No.: 75

### **REACH 1907/2006 EC - Annex XIV - list of substances subject to authorisation**

No ingredients listed.

Refer to Section 3

### UK Regulations

### **UK REACH Regulation (as Amended) - List of substances subject to authorisation**

Refer to Section 3

### Canada

This product is exempt from WHMIS label and SDS requirements.

### China

### **Catalog of Hazardous Chemicals - Hazardous Chemicals**

CAS # 64-19-7      Acetic Acid

CAS # 121-57-3      Sulphanilic Acid

### **Inventory - China - Inventory of Existing Chemical Substances (IECSC)**

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## Section 15 Regulatory information (Continued)

All ingredients are listed or exempted.

### Turkey

#### Türkiye-REACH - KKDIK Regulation - Annex 17 – Restrictions

No ingredients listed.

### International

#### UN/FAO/Rotterdam Convention - Chemicals Subject to Prior Informed Consent (PIC)

No ingredients listed.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

*Some hazardous ingredients listed in Section 15 are below the cutoff limits of 0.1% for carcinogen, mutagen and reproductive toxin and 1% for other health hazards required for reporting in Section 3.*

## Section 16 Other information

<b>Beckman Coulter safety rating</b>	<b>Flammability: 0</b> <b>Health: 3</b> <b>Reactivity with water: 0</b> <b>Physical contact: 3</b>	Code 0=None 1=Slight 2=Caution 3=Severe
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**Revision changes** Updated Section 1.

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**Hazard Classification Procedure** This mixture was classified using the calculation method for human health and environmental hazards. Physical hazards were determined based on the specification.

### Description of hazard class and hazard statements from Section 3

Eye Irrit. 2 - Eye Irritation Category 2  
Flam. Liq. 3 - Flammable Liquids, Category 3  
Skin Corr. 1A - Skin Corrosion Category 1A  
Skin Irrit. 2 - Skin Irritation Category 2  
Skin Sens. 1 - Skin Sensitization Category 1  
H226 - Flammable liquid and vapour.  
H314 - Causes severe skin burns and eye damage.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.

## Section 16 Other information (Continued)

<b>Abbreviations and acronyms</b>	ACGIH - American Conference of Governmental Industrial Hygienists (ACGIH) ADR and RID - European Agreement Concerning the International Carriage of Dangerous Goods by Road and Rail CLP - Classification, Labeling and Packaging DFGMAK - Republic Germany's maximum exposure limit EC50 - Concentration of a substance in an environmental medium expected to produce a certain effect in 50% of test organisms GHS - Globally Harmonized System of Classification and Labelling of Chemicals (GHS) HCS - Hazard Communication Standard IARC - International Agency for Research on Cancer IATA DGR - International Air Transport Association Dangerous Goods Regulation ICAO - International Civil Aviation Organization IDLH - Immediately Dangerous to Life or Health IMDG - International Maritime Dangerous Goods IMO - International Maritime Organization IOELVs - European Unions' Indicative Occupational Exposure Limit Values LC50 - Concentration of a substance in water causing death (50% of the tested population) to aquatic life LD50 - Lethal Dose 50% NIOSH - National Institute for Occupational Safety and Health NTP - National Toxicology Program OSHA - Occupational Safety and Health Administration PBT - Persistent Bioaccumulative and Toxic substances PEL - Permissible Exposure Limit SARA - Superfund Amendments and Reauthorization Act STEL – Short Term Exposure Limit STLV - Short Term Limit Value STV - Short Term Value TDG - Canadian Transportation of Dangerous Goods Regulations TLV - Threshold Limit Value TWA – Time Weighted Average UN GHS - United Nations Globally Harmonized System US DOT - United States Department of Transportation US OSHA - United States Occupational Safety and Health Administration vPvB - very Persistent and very Bioaccumulative substances WHMIS - Workplace Hazardous Material Information System
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