SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture	2-AB Solution
Registration number	-
Synonyms	None.
SDS number	WS0302
Product code	WS0302
Issue date	24-January-2013
Version number	AD
Revision date	05-August-2014
Supersedes date	31-May-2013

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

Identified uses	Research and development.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier

Company name	ProZyme, Inc.
Address	3832 Bay Center Place, Hayward CA 94545 United States
Telephone	1-510-638-6900
e-mail	Not available.
Contact person	Not available.

1.4. Emergency telephone number 1-760-476-3961

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification C;R34, Xi;R37

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Skin corrosion/irritation	Category 1B	H314 - Causes severe skin burns and eye damage.
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation	H335 - May cause respiratory irritation.

Hazard summary

Physical hazards	Not classified for physical hazards.
Health hazards	Causes burns. Irritating to respiratory system.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	Ingestion may cause irritation and malaise.
Main symptoms	Exposed may experience eye tearing, redness, and discomfort.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: 2-Aminobenzamide, Acetic acid, Dimethyl sulfoxide

Hazard pictograms

Signal word Danger

Hazard statements H314 - Causes severe skin burns and eye damage.
H335 - May cause respiratory irritation.

Precautionary statements

Prevention P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash thoroughly after handling.
P260 - Do not breathe mist or vapour.
P271 - Use only outdoors or in a well-ventilated area.

Response P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before re-use.
P304 + P340 - IF INHALED: Remove victim 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.
Take off contaminated clothing and wash before re-use.

Storage P405 - Store locked up.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information Not applicable.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Dimethyl sulfoxide	30 - 65	67-68-5 200-664-3	-	-	
Classification: **DSD:** Xi;R36/37/38 **CLP:** Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335					
Acetic acid	30 - 55	64-19-7 200-580-7	-	607-002-00-6	#
Classification: **DSD:** R10, C;R35 **CLP:** Flam. Liq. 3;H226, Skin Corr. 1A;H314					
2-Aminobenzamide	5 - 15	88-68-6 201-851-2	-	-	
Classification: **DSD:** Xi;R36 **CLP:** Skin Irrit. 2;H315					

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms occur.

Skin contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes. Get medical attention immediately!

Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.

Ingestion Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed Exposed may experience eye tearing, redness, and discomfort.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards The product is combustible.

5.1. Extinguishing media

Suitable extinguishing media Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO_2).

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Avoid contact with skin and eyes. Wear appropriate personal protective equipment.

For emergency responders Keep unnecessary personnel away. Use personal protection as recommended in section 8 of the SDS.

6.2. Environmental precautions Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Wipe up with absorbent material (e.g. cloth, fleece). Flush area with plenty of water.

6.4. Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Wear appropriate personal protective equipment. Wash thoroughly after handling. Change contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities Keep away from heat, sparks and open flame. Keep containers tightly closed in a cool, well-ventilated place. Store away from incompatible materials. Store at -20°C (-4°F).

7.3. Specific end use(s) Reagent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List

Components	Type	Value
Acetic acid (CAS 64-19-7)	Ceiling	50 mg/m3
		20 ppm
	MAK	25 mg/m3
		10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	MAK	160 mg/m3
		50 ppm

Belgium. Exposure Limit Values.

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	38 mg/m3
		15 ppm
	TWA	25 mg/m3
		10 ppm

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	37 mg/m3

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
	TWA	25 mg/m3

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Czech Republic. OELs. Government Decree 361

Components	Type	Value
Acetic acid (CAS 64-19-7)	Ceiling	35 mg/m3
	TWA	25 mg/m3

Denmark. Exposure Limit Values

Components	Type	Value
Acetic acid (CAS 64-19-7)	TLV	25 mg/m3 10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	TLV	160 mg/m3 50 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	25 mg/m3 10 ppm
	TWA	25 mg/m3 10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	STEL	500 mg/m3 150 ppm
	TWA	150 mg/m3 50 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	25 mg/m3 10 ppm
	TWA	13 mg/m3 5 ppm
Dimethyl sulfoxide (CAS 67-68-5)	TWA	50 ppm

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Acetic acid (CAS 64-19-7)	VLE	25 mg/m3 10 ppm

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	TWA	160 mg/m3 50 ppm

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value
Acetic acid (CAS 64-19-7)	AGW	25 mg/m3 10 ppm

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	37 mg/m3 15 ppm
	TWA	25 mg/m3 10 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	25 mg/m3
	TWA	25 mg/m3

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	37 mg/m3 15 ppm
	TWA	25 mg/m3 10 ppm

Italy. OELs

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	STEL	500 mg/m3 150 ppm
	TWA	150 mg/m3 50 ppm

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Acetic acid (CAS 64-19-7)	TLV	25 mg/m3 10 ppm

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	30 mg/m3
	TWA	15 mg/m3

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3
		10 ppm

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	15 ppm
	TWA	10 ppm

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3
		10 ppm

Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3
		10 ppm

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3
		10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	TWA	160 mg/m3

Spain. Occupational Exposure Limits

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	37 mg/m3
		15 ppm
	TWA	25 mg/m3
		10 ppm

Sweden. Occupational Exposure Limit Values

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	25 mg/m3
		10 ppm
	TWA	13 mg/m3
		5 ppm
Dimethyl sulfoxide (CAS 67-68-5)	STEL	500 mg/m3
		150 ppm
	TWA	150 mg/m3
		50 ppm

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
Acetic acid (CAS 64-19-7)	STEL	50 mg/m3
		20 ppm
	TWA	25 mg/m3
		10 ppm
Dimethyl sulfoxide (CAS 67-68-5)	STEL	320 mg/m3
		100 ppm
	TWA	160 mg/m3

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value
		50 ppm

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components	Type	Value
Acetic acid (CAS 64-19-7)	TWA	25 mg/m3 10 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
Acetic acid (CAS 64-19-7)	Workers	Inhalation	25 mg/m3	Acute Local effects
		Inhalation	25 mg/m3	Long term Local effects

Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
Acetic acid (CAS 64-19-7)	Aqua (freshwater)	Water	3,058 mg/l	
	Aqua (intermittent releases)	Water	30,58 mg/l	
	Aqua (marine water)	Water	0,3058 mg/l	
	Sediment (freshwater)	Not applicable	11,36 mg/kg	
	Sediment (marine water)	Not applicable	1,136 mg/kg	
	Sewage Treatment Plant	Not applicable	85 mg/l	
	Soil	Soil	0,47 mg/kg	

8.2. Exposure controls

Appropriate engineering controls No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Use protective gloves. Suitable gloves can be recommended by the glove supplier.

- Other Wear suitable protective clothing.

Respiratory protection Under normal conditions, respirator is not normally required.

Thermal hazards Not applicable.

Hygiene measures Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear to straw colored liquid.

Physical state Liquid.

Form Liquid.

Colour Not available.

Odour Acetic acid.

Odour threshold Not available.

pH 8,8

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not applicable.

Evaporation rate Not applicable.

Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not available.
Oxidizing properties	Not available.
9.2. Other information	No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	Keep away from heat, sparks and open flame.
10.5. Incompatible materials	Strong oxidizing agents, acid chlorides, alkali metals, hydrobromic acid, acidic solutions of alkali bromides
10.6. Hazardous decomposition products	Carbon oxides. Nitrogen oxides.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
Information on likely routes of exposure	
Ingestion	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.
Inhalation	May cause respiratory tract irritation.
Skin contact	Causes skin burns.
Eye contact	Causes serious eye damage.
Symptoms	Exposed may experience eye tearing, redness, and discomfort.

11.1. Information on toxicological effects

Acute toxicity Ingestion may cause irritation and malaise.

Components	Species	Test results
Acetic acid (CAS 64-19-7)		
Acute		
Dermal		
LD50	Rabbit	1060 mg/kg
Inhalation		
LC50	Rat	11,4 mg/l, 4 Hours
Oral		
LD50	Rat	3,31 g/kg
Dimethyl sulfoxide (CAS 67-68-5)		
Acute		
Oral		
LD50	Rat	17,9 ml/kg
Other		
LD50	Rat	12000 mg/kg

Skin corrosion/irritation Causes skin burns.

Serious eye damage/irritation	Causes serious eye damage.
Respiratory sensitisation	Not classified.
Skin sensitisation	Not a skin sensitiser.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Mixture versus substance information	Not available.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity Not expected to be harmful to aquatic organisms.

Components		Species	Test results
2-Aminobenzamide (CAS 88-68-6)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	354 - 439 mg/l, 96 hours
Acetic acid (CAS 64-19-7)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	65 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	75 mg/l, 96 hours
		Fathead minnow (Pimephales promelas)	79 mg/l, 96 Hours
Dimethyl sulfoxide (CAS 67-68-5)			
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	33000 - 37000 mg/l, 96 hours

12.2. Persistence and degradability	The product is not expected to be readily biodegradable.
12.3. Bioaccumulative potential	No data available.
Partition coefficient n-octanol/water (log Kow)	
Acetic acid (CAS 64-19-7)	-0,17
Dimethyl sulfoxide (CAS 67-68-5)	-2,03
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	Not available.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
12.6. Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.
EU waste code	16 05 06*
Disposal methods/information	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number	UN2790
14.2. UN proper shipping name	ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class	8
Subsidiary risk	-
Label(s)	8
Hazard No. (ADR)	80
Tunnel restriction code	E
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

RID

14.1. UN number	UN2790
14.2. UN proper shipping name	ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class	8
Subsidiary risk	-
Label(s)	8
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

ADN

14.1. UN number	UN2790
14.2. UN proper shipping name	acetic acid

14.3. Transport hazard class(es)

Class	8
Subsidiary risk	-
Label(s)	8
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	Not available.

IATA

14.1. UN number	UN2790
14.2. UN proper shipping name	Acetic acid solution

14.3. Transport hazard class(es)

Class	8
Subsidiary risk	-
14.4. Packing group	II
14.5. Environmental hazards	No.
ERG Code	8L
14.6. Special precautions for user	Not available.

IMDG

14.1. UN number	UN2790
14.2. UN proper shipping name	ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class	8
Subsidiary risk	-
14.4. Packing group	II

14.5. Environmental hazards

Marine pollutant	No.
EmS	F-A, S-B
14.6. Special precautions for user	Not available.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not regulated.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Acetic acid (CAS 64-19-7)

Directive 94/33/EC on the protection of young people at work

Acetic acid (CAS 64-19-7)

Other regulations	The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.
National regulations	Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work. Follow national regulation for work with chemical agents.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations	DNEL: Derived No-Effect Level. PNEC: Predicted No-Effect Concentration. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent and very Bioaccumulative. CLP: Regulation No. 1272/2008. DSD: Directive 67/548/EEC.
References	HSDB® - Hazardous Substances Data Bank Registry of Toxic Effects of Chemical Substances (RTECS)

Information on evaluation method leading to the classification of mixture	The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.
Full text of any statements or R-phrases and H-statements under Sections 2 to 15	R10 Flammable. R34 Causes burns. R35 Causes severe burns. R36 Irritating to eyes. R36/37/38 Irritating to eyes, respiratory system and skin. R37 Irritating to respiratory system. H226 - Flammable liquid and vapour. H314 - Causes severe skin burns and eye damage. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Training information	Follow training instructions when handling this material.
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.
Trademarks	ProZyme is a trademark or registered trademark of ProZyme Inc., in the United States and other countries.