

Safety Data Sheet Date of issue: 15/04/2016

Revision date:

Version: 1.0

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

1.1. Product identifier	
Product form	: Mixture
Product name	: 8310 Surrogate Standard
Product code	: AL0-101498
Product group	: Trade product
1.2. Relevant identified uses of the	e substance or mixture and uses advised against
1.2.1. Relevant identified uses	
Main use category	: Laboratory Use
Industrial/Professional use spec	: Industrial
	For professional use only
1.2.2. Uses advised against	
No additional information available	
1.3. Details of the supplier of the s	safety data sheet
Phenova	

Phenova 6390 Joyce Dr. Suite 100 80403 Golden, CO - United States T 1-866-942-2978 - F 1-866-283-0269 info@phenova.com - www.phenova.com Emergency telephone number 1.4.

Emergency number

: ChemTel Assistance (US/Canada) 1-800-255-3924 ChemTel Assistance (International) +1 813-248-0585

### **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2	H225
Acute Tox. 4 (Oral)	H302
Acute Tox. 3 (Dermal)	H311
Acute Tox. 4 (Inhalation)	H332
Eye Irrit. 2	H319

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11 Xn; R20/21/22 Xi; R36 Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to Regulation (	EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS06
Signal word (CLP)	: Danger
Hazardous ingredients	: acetonitrile
Hazard statements (CLP)	: H225 - Highly flammable liquid and vapor H302+H332 - Harmful if swallowed or if inhaled H311 - Toxic in contact with skin
18/04/2016	FN (English US)

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	H319 - Causes serious eye irritation
Precautionary statements (CLP)	<ul> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking</li> <li>P233 - Keep container tightly closed</li> <li>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray</li> <li>P270 - Do not eat, drink or smoke when using this product</li> <li>P271 - Use only outdoors or in a well-ventilated area</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection</li> <li>P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water</li> <li>P308+P313 - IF exposed or concerned: Get medical advice/attention</li> <li>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</li> <li>P403+P235 - Store in a well-ventilated place. Keep cool</li> </ul>
No lobaling appliable	

No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients
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#### 3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
acetonitrile (Component)	(CAS No) 75-05-8 (EC no) 200-835-2 (EC index no) 608-001-00-3	99.9	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Eve Irrit. 2, H319

4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	<ul> <li>Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a poison center or doctor/physician. Wash with plenty of soap and water. Wash contaminated clothing before reuse.</li> </ul>
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.
4.2. Most important symptoms and eff	fects, both acute and delayed
Symptoms/injuries after skin contact	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
Symptoms/injuries after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.
	· · ··································
4.3. Indication of any immediate media	cal attention and special treatment needed
4.3. Indication of any immediate media No additional information available	
No additional information available	cal attention and special treatment needed
No additional information available SECTION 5: Firefighting measures	cal attention and special treatment needed
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No additional information available SECTION 5: Firefighting measures 5.1. Extinguishing media	cal attention and special treatment needed
No additional information available SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media	cal attention and special treatment needed  Use extinguishing media appropriate for surrounding fire. Do not use a heavy water stream.

Explosion hazard	: May form flammable/explosive vapor-air mixture.
5.3. Advice for firefighters	

 Firefighting instructions
 : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

 Protection during firefighting
 : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release m	easures
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. N	otify authorities if liquid enters sewers or public waters.
6.3. Methods and material for contain	ment and cleaning up
Methods for cleaning up	: Take up in absorbent material. Collect spillage.
6.4. Reference to other sections	
See Heading 8. Exposure controls and perso	nal protection.
<b>SECTION 7: Handling and storage</b>	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools.
Hygiene measures	: Do not eat, drink or smoke when using this product. Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, inclu	uding any incompatibilities
Technical measures	: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions	: Keep in fireproof place. Keep container tightly closed. Keep container tightly closed and in a well-ventilated place. Keep away from any flames or sparking source.
Incompatible materials	: Direct sunlight. Heat sources.
7.3. Specific end use(s)	
No additional information available	
SECTION 8: Exposure controls/pe	rsonal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls Appropriate engineering controls	: Either local exhaust or general room ventilation is usually required.
Personal protective equipment	: Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles. Safety
	glasses.
Hand protection	: Wear chemically resistant protective gloves. Wear suitable gloves resistant to chemical negetration
·	penetration.
Hand protection Eye protection Skin and body protection	
Eye protection Skin and body protection	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> </ul>
Eye protection Skin and body protection Respiratory protection	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> </ul>
Eye protection Skin and body protection	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> </ul>
Eye protection Skin and body protection Respiratory protection	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul>
Eye protection         Skin and body protection         Respiratory protection         Other information         SECTION 9: Physical and chemica         9.1.	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul>
Eye protection Skin and body protection Respiratory protection Other information SECTION 9: Physical and chemica	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul> <b>al properties</b> <ul> <li>chemical properties</li> <li>Liquid</li> </ul>
Eye protection         Skin and body protection         Respiratory protection         Other information         SECTION 9: Physical and chemica         9.1.	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul> al properties <ul> <li>d chemical properties</li> <li>Liquid</li> <li>Colorless.</li> </ul>
Eye protection Skin and body protection Respiratory protection Other information SECTION 9: Physical and chemica 9.1. Information on basic physical and Physical state Color Odor	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul> <b>al properties d chemical properties</b> <ul> <li>Liquid</li> <li>Colorless.</li> <li>characteristic.</li> </ul>
Eye protection Skin and body protection Respiratory protection Other information SECTION 9: Physical and chemica 9.1. Information on basic physical and Physical state Color	<ul> <li>penetration.</li> <li>Chemical goggles or safety glasses. Safety glasses.</li> <li>Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.</li> <li>Wear appropriate mask.</li> <li>Do not eat, drink or smoke during use.</li> </ul> <b>al properties d chemical properties</b> <ul> <li>Liquid</li> <li>Colorless.</li> </ul>

### Safety Data Sheet

Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapor
Relative density	: No data available
Solubility	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

#### 9.2. Other information

No additional information available

#### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

#### Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

#### May release flammable gases.

#### **SECTION 11: Toxicological information**

11.1. Information on toxicological effects

Acute toxicity	: Oral: Harmful if swallowed. Dermal: Toxic in contact with skin. Inhalation: Harmful if inhaled.
8310 Surrogate Standard	
ATE CLP (oral)	500.501 mg/kg body weight
ATE CLP (dermal)	980.981 mg/kg body weight
ATE CLP (gases)	4500.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h
acetonitrile (75-05-8)	
LD50 oral rat	> 1327 mg/kg (Rat)
LD50 dermal rabbit	980 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	27 mg/l/4h (Rat)
LC50 inhalation rat (ppm)	16000 ppm/4h (Rat)
ATE CLP (oral)	500.000 mg/kg body weight
ATE CLP (dermal)	980.000 mg/kg body weight
ATE CLP (gases)	16000.000 ppmV/4h
ATE CLP (vapors)	11.000 mg/l/4h
ATE CLP (dust, mist)	1.500 mg/l/4h
Skin corrosion/irritation	: Not classified
	Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	: Not classified
· · · · ·	Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
	Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met

Carcinogenicity

: Not classified

May cause cancer

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Reproductive toxicity	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
	Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated	: Not classified
exposure)	Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
	Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Harmful if swallowed. Toxic in contact with skin.

	<b>SECTION 12:</b>	Ecological	information
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12.1. Toxicity

acetonitrile (75-05-8)	etonitrile (75-05-8)	
LC50 fish 1	1640 mg/l (LC50; Other; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)	
EC50 Daphnia 1	> 1000 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Semi-static system; Fresh water; Experimental value)	
Threshold limit algae 1	9696 mg/l (EC50; ISO 10253; 72 h; Phaeodactylum; Static system; Salt water; Experimental value)	
Threshold limit algae 2	> 1000 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)	

12.2. Persistence and degradability	
8310 Surrogate Standard	
Persistence and degradability	Not established.
acetonitrile (75-05-8)	
Persistence and degradability	Readily biodegradable in water. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	0.17 g O /g substance
ThOD	3.12 g O /g substance
BOD (% of ThOD)	0.055
12.3. Bioaccumulative potential	
8310 Surrogate Standard	
Bioaccumulative potential	Not established.
acetonitrile (75-05-8)	
BCF other aquatic organisms 1	3.162 (BCF; BCFWIN)
Log Pow	0.29 (Weight of evidence approach; Equivalent or similar to OECD 107; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
12.4. Mobility in soil	
acetonitrile (75-05-8)	
Surface tension	0.029 N/m (20 °C)
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Other adverse effects	
Additional information	: Avoid release to the environment
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials

: Hazardous waste due to toxicity. Avoid release to the environment.

<b>SECTION 14: Transport information</b>	
In accordance with ADR / RID / IMDG / IATA / AD	DN
14.1. UN number	
UN-No. (ADR)	: 1992
UN-No.(IATA)	: 1992

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14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: FLAMMABLE LIQUID, TOXIC, N.O.S.
Proper Shipping Name (IATA)	: FLAMMABLE LIQUID, TOXIC, N.O.S.
Transport document description (ADR)	: UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (FLAMMABLE LIQUID, TOXIC, N.O.S.), 3
	(6.1), II, (D/E)
14.3. Packing group	
Class (ADR)	: 3
Classification code (ADR)	: 5 : FT1
Class (IATA)	: 3
Subsidiary risks (ADR)	: 6.1
Hazard labels (ADR)	: 3, 6.1
Hazard labels (IATA)	
14.4. Packing group	
Packing group (ADR) Packing group (IATA)	: II : II
14.5. Environmental hazards	• n
Other information	: No supplementary information available.
14.6. Special precautions for user	
14.6.1. Overland transport	
Hazard identification number (Kemler No.)	: 336
Classification code (ADR)	: FT1
Orange plates	<b>336</b> <b>1992</b>
Special provision (ADR)	<b>336</b> <b>1992</b> 274
Special provision (ADR) Transport category (ADR)	336 1992 274 2
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR)	336 1992 274 2 D/E
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR)	336 1992 274 2 2 D/E 11
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR)	336 1992 274 2 D/E
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b>	336 1992 274 2 2 D/E 11
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available	336 1992 274 2 2 D/E 11
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b>	336 1992 274 2 2 5D/E 11 2 52
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA)	: 336 1992 : 274 : 2 : D/E : 11 : E2
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA)	<ul> <li>336</li> <li>1992</li> <li>274</li> <li>2</li> <li>D/E</li> <li>11</li> <li>E2</li> </ul> : 364 : 60L
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA)	: 336 1992 : 274 : 2 : D/E : 11 : E2
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA)	<ul> <li>336</li> <li>1992</li> <li>274</li> <li>2</li> <li>D/E</li> <li>11</li> <li>E2</li> </ul> 164 60L 352
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA) PCA Limited quantities (IATA)	<ul> <li>336</li> <li>1992</li> <li>274</li> <li>2</li> <li>D/E</li> <li>11</li> <li>E2</li> </ul> : 364 : 60L : 352 : Y341
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA) PCA Limited quantity max net quantity (IATA)	<ul> <li>336</li> <li>1992</li> <li>274</li> <li>2</li> <li>D/E</li> <li>11</li> <li>E2</li> </ul> : 364 <ul> <li>60L</li> <li>352</li> <li>Y341</li> <li>1L</li> </ul>
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA max net quantity (IATA)	<ul> <li>336</li> <li>1992</li> <li>274</li> <li>2</li> <li>D/E</li> <li>11</li> <li>E2</li> </ul> * 364 <ul> <li>60L</li> <li>352</li> <li>Y341</li> <li>1L</li> <li>1L</li> </ul>
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA) PCA Limited quantities (IATA) PCA max net quantity (IATA) PCA max net quantity (IATA) PCA max net quantity (IATA) PCA max net quantity (IATA)	$ \begin{array}{c} 336\\ 1992 \end{array} $ $ \begin{array}{c} 274\\ 2\\ 2\\ D/E\\ 1\\ 1\\ 1\\ \end{array} $ $ \begin{array}{c} 364\\ 60L\\ 352\\ 2\\ Y341\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1$
Special provision (ADR) Transport category (ADR) Tunnel restriction code (ADR) Limited quantities (ADR) Excepted quantities (ADR) <b>14.6.2. Transport by sea</b> No additional information available <b>14.6.3. Air transport</b> CAO packing instructions (IATA) CAO max net quantity (IATA) PCA packing instructions (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA max net quantity (IATA) PCA Excepted quantities (IATA) PCA Excepted quantities (IATA) ERG code (IATA)	$ \begin{array}{c} 336\\ 1992 \end{array} $ $ \begin{array}{c} 274\\ 2\\ 2\\ D/E\\ 1\\ 1\\ 1\\ \end{array} $ $ \begin{array}{c} 364\\ 60L\\ 352\\ 2\\ Y341\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1$
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### Safety Data Sheet

#### SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment No chemical safety assessment has been carried out

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	: None.

PHV SDS EU

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