Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Poland

SAFETY DATA SHEET

ALLOY Sn60/Pb40



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

1.1 Product identifier		
Product name	:	ALLOY
GHS reference number	:	Not ava
Product description	:	Not ava
Product type	:	Solid.
Other means of	:	Not ava
identification		

Sn60/Pb40

- ilable.
- ilable.
- ilable.

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

Not applicable.

Uses advised against Not applicable.

1.3 Details of the supplier of the safety data sheet

AIM 9100 Henri Bourassa East Montreal, QC H1E 2S4 (514) 494-2000

AIM Solder Europe Sp. z.o.o. ul. Papiernicza 7 Łódź 92-312 Poland

e-mail address of person : Safetydata@aimsolder.com responsible for this SDS

National contact

1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number

: INFOTRAC Europe: 0800-181-29-24 International: (352) 323-3500

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

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

Repr. 1B, H360FD Lact., H362 STOT RE 2, H373

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

SECTION 2: Hazards identification

2.2 Label elements Hazard pictograms Signal word 2 Dander **Hazard statements** : May damage fertility. May damage the unborn child. May cause harm to breast-fed children. May cause damage to organs through prolonged or repeated exposure. **Precautionary statements** Prevention : Obtain special instructions before use. Wear protective gloves, protective clothing and eye or face protection. Do not breathe dust. Avoid contact during pregnancy and while nursing. Get medical attention if you feel unwell. IF exposed or concerned: Get medical Response ÷ attention. : Store locked up. Storage **Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations. **Annex XVII - Restrictions** : Restricted to professional users. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Special packaging requirements Containers to be fitted : Not applicable. with child-resistant fastenings Tactile warning of danger : Not applicable. 2.3 Other hazards **Product meets the criteria** : This mixture does not contain any substances that are assessed to be a PBT or a for PBT or vPvB according vPvB. to Regulation (EC) No. 1907/2006, Annex XIII Other hazards which do : None known. not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: Mixture				
Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Lead	REACH #: 01-2119513221-59 EC: 231-100-4 CAS: 7439-92-1 Index: 082-001-00-6	≥50 - ≤75	Repr. 1B, H360FD Lact., H362 STOT RE 2, H373	-	[1] [2]
			See Section 16 for the full text of the H statements declared above.		

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Poland

ALLOY Sn60/Pb40

SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid r	neasures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

4.3 Indication of any imm	ediate medical attention and special treatment needed
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large
	quantities have been ingested or inhaled.

SECTION 4: First aid measures

Specific treatments

: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
5.2 Special hazards arising from	the substance or mixture
Hazards from the substance or mixture	No specific fire or explosion hazard.
Hazardous combustion products	Decomposition products may include the following materials: metal oxide/oxides
5.3 Advice for firefighters	
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Additional information	No additional remark.

SECTION 6: Accidental release measures

6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials fo	r containment and cleaning up
Small spill	: Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.
Date of issue/Date of revision	: 11/28/2022 Date of previous issue : 10/27/2022 Version : 1.04 4/13

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid contact during pregnancy or while nursing. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Lead	Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 2/2021). [Lead – inorganic compounds] TWA: 0.05 mg/m ³ , (calculated as Pb) 8 hours. Form: Inhalable fraction
procedures atmosphere or of the ventilatio protective equip the following: E the assessmen limit values and atmospheres - of exposure to a (Workplace atm for the measure	contains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness n or other control measures and/or the necessity to use respiratory oment. Reference should be made to monitoring standards, such as European Standard EN 689 (Workplace atmospheres - Guidance for t of exposure by inhalation to chemical agents for comparison with a measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 nospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be

SECTION 8: Exposure controls/personal protection

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available.

8.2 Exposure controls		
Appropriate engineering controls	user operations generate dust, fumes, gas, vapor or mist, use process nclosures, local exhaust ventilation or other engineering controls to kee xposure to airborne contaminants below any recommended or statutory	ep worker
Individual protection measured		
Hygiene measures	/ash hands, forearms and face thoroughly after handling chemical proc efore eating, smoking and using the lavatory and at the end of the work ppropriate techniques should be used to remove potentially contaminat /ash contaminated clothing before reusing. Ensure that eyewash static afety showers are close to the workstation location.	ting period. ted clothing.
Eye/face protection	afety eyewear complying with an approved standard should be used whe ssessment indicates this is necessary to avoid exposure to liquid splash ases or dusts. If contact is possible, the following protection should be nless the assessment indicates a higher degree of protection: safety g de-shields.	hes, mists, worn,
Skin protection		
Hand protection	hemical-resistant, impervious gloves complying with an approved stand e worn at all times when handling chemical products if a risk assessment is is necessary. Considering the parameters specified by the glove matheck heck during use that the gloves are still retaining their protective proper hould be noted that the time to breakthrough for any glove material may ifferent for different glove manufacturers. In the case of mixtures, consis- everal substances, the protection time of the gloves cannot be accurate stimated.	ent indicates anufacturer, ties. It y be sisting of
Body protection	ersonal protective equipment for the body should be selected based or eing performed and the risks involved and should be approved by a spe efore handling this product.	
Other skin protection	ppropriate footwear and any additional skin protection measures should elected based on the task being performed and the risks involved and s pproved by a specialist before handling this product.	
Respiratory protection	ased on the hazard and potential for exposure, select a respirator that a ppropriate standard or certification. Respirators must be used accordin espiratory protection program to ensure proper fitting, training, and othe spects of use.	ng to a
Environmental exposure controls	missions from ventilation or work process equipment should be checke nsure they comply with the requirements of environmental protection le some cases, fume scrubbers, filters or engineering modifications to the guipment will be necessary to reduce emissions to acceptable levels.	gislation.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties Appearance

Appearance	
Physical state	: Solid. [bar, ingot, solid wire]
Color	: silver-grey [Dark]
Odor	: not applicable.
Odor threshold	: Not available.
Melting point/freezing point	: 183 to 190°C

ALLOY SHOUPD40		
SECTION 9: Physical ar	nd	chemical properties
Initial boiling point and boiling range	1	Not available.
Flammability	:	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. Massive metal is nonflammable.
Lower and upper explosion limit	1	Not applicable.
Flash point	:	[Product does not sustain combustion.]
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not available.
рН	:	Not available.
Viscosity	:	Not applicable.
Solubility(ies)	4	
Media		Result
cold water hot water METHANOL diethyl ether n-octanol acetone		Not soluble Not soluble Not soluble Not soluble Not soluble Not soluble
Solubility in water	:	Not available.
Partition coefficient: n-octanol/ water	:	Not applicable.
Vapor pressure	:	Not available.
Relative density	:	8.91
Vapor density	1	Not applicable.
Explosive properties	1	Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts.
Oxidizing properties	:	Not available.
Particle characteristics		

SECTION 10: Stability and reactivity

: Not available.

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: No specific data.
10.5 Incompatible materials	: No specific data.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Median particle size

SECTION 11: Toxicological information

	classes as defined in Regulation (EC) No 1272/2008
Acute toxicity	
Conclusion/Summary	: No additional remark.
Acute toxicity estimates	
N/A	
Irritation/Corrosion	
Conclusion/Summary	: Not available.
Sensitization	
Conclusion/Summary	: Not available.
Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	 Human: LEAD crosses the placental barrier. CHRONIC OVEREXPOSURE EFFECTS; Increase of LEAD LEVEL in blood, muscle soreness, metallic taste, abdominal cramps, headaches. (Note: the above statements apply to ingested and/or inhaled particles [dust; fumes]) Overexposure to tin oxide fumes may result in benigne pneumoconiosis (stannosis). Repeated and prolonged contact with bare skin may cause irritation, dermatitis and/ or an allergic reaction (sensitization) in susceptible individuals.
Reproductive toxicity	
Conclusion/Commons	

Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ toxi	<u>city (single exposure)</u>

Not available.

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Lead	Category 2	-	-

Aspiration hazard

Not available.

Information on the likely routes of exposure	÷	Routes of entry not anticipated: Dermal.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristicsEye contact: No specific data.Inhalation: Adverse symptoms may include the following:

Inhalation : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

SECTION 11: Toxicological information

Skin contact	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations	
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations	

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure		
Potential immediate effects	;	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	1	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effe	ct	<u>s</u>
Not available.		
Conclusion/Summary	:	Not available.
General	:	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Reproductive toxicity	:	May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Lead	Acute EC50 105 ppb Marine water	Algae - Chaetoceros sp Exponential growth phase	72 hours
	Acute EC50 0.489 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 8000 µg/l Fresh water	Aquatic plants - Lemna minor	4 days
	Acute LC50 530 µg/l Fresh water	Crustaceans - Ceriodaphnia reticulata	48 hours
	Acute LC50 0.594 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.44 ppm Fresh water	Fish - Cyprinus carpio - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 0.25 mg/l Marine water Chronic NOEC 0.03 µg/l Fresh water	Algae - Ulva pertusa Fish - Cyprinus carpio	96 hours 4 weeks

SECTION 12: Ecological information

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Poland

ALLOY Sn60/Pb40

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

transportation regulations.

: Not available.

14.6 Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

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Annex XIV - List of substances subject to authorization

Annex XIV

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None of the components are listed.

Substances of very high concern

Intrinsic property	Ingredient name			Date of revision
Toxic to reproduction	Lead	Candidate	-	-

on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Restricted to professional users.
<u>Other EU regulations</u>	
Industrial emissions (integrated pollution prevention and control) - Air	: Listed
Industrial emissions (integrated pollution prevention and control) - Water	: Listed

Date of issue/Date of revision

SECTION 15: Regulatory information

Ozone depletir	g substances	(1005/2009/EU)
	-	

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

15.2 Chemical Safety Assessment

: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative
Key literature references and sources for data	 -ACGIH, Threshold Limit Values, 1994-1995Canada Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List"CFR29, OSHA's Permissible Exposure Limits, revision July, 1993CFR29, part 1910.1200, Hazard CommunicationCHEMTOX database - Components' manufacturer's Material Safety Data SheetCRC Handbook of chemistry and physics, 67 th edition, CRC Press inc., Boca Raton, FloridaCSST (Comission de Santé et Sécurité au Travail), document #RT-12: Classification of Certain Chemical SubstancesIATA, Dangerous Goods Regulations, 37th edition. (January 1, 1996) -NFPA, Fire Protection Guide to Chemical Hazards, 11th edition.
	handbook of fine chemicals, 1998 -TSCA (Toxic Substance Contral Act), Chemical
	Substance Inventory List, 1985.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

	Classification		Just	ification	
Repr. 1B, H360FD Lact., H362 STOT RE 2, H373		Calculation method Calculation method Calculation method			
Full text of abbreviated H statements					
H360FD H362 H373	H362 May cause harm to breast-fed children.				
Full text of class	sifications [CLP/GHS]				
Lact.TOXIC TO REPRODUCTION - Effects on or via lactationRepr. 1BTOXIC TO REPRODUCTION - Category 1BSTOT RE 2SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2					
Date of printing	: 11/29/2022	2			
Date of issue/Date o	f revision : 11/28/2022	2 Date of previous issue	: 10/27/2022	Version : 1.04	12/13

SECTION 16: Other information				
Date of issue/ Date of revision	: 11/28/2022			

Date of previous issue: 10/27/2022Version: 1.04

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.