	Zherr	nack S.p.a	Revision nr. 3
		•	Dated 08/01/2019
C207004	- HYDRORISE RI	EGULAR NORMAL SET - BASE	Printed on 10/01/2019
			Page n. 1/13
			Replaced revision:2 (Dated: 07/11/2016)
		Safety Data Sheet	
		•	
SECTION 1. Iden	tification of the sub	stance/mixture and of the company/u	ndertaking
4.4. Due duet identifier			
1.1. Product identifier Code:		C207004	
Product name		HYDRORISE REGULAR NORMAL SET - BASE	
1.2. Relevant identified	uses of the substance or	nixture and uses advised against	
Intended use	For professional use	only. Addition silicone for dental impression.	
1.3 Details of the sunn	lier of the safety data shee	t	
Name	ner of the safety data shee	Zhermack S.p.a	
Full address District and Country		Via Bovazecchino 100 45021 Badia Polesine (RO)	
District and Ocality		Italy	
		Tel. +39 0425-597611	
		Fax +39 0425-597689	
e-mail address of the cor			
responsible for the Safet	y Data Sheet	msds@zhermack.com	
1.4. Emergency telepho			
For urgent inquiries refer	to	0039 0425597611	
SECTION 2 Haza	ards identification		
2.1. Classification of the	substance or mixture		
The uneductic pet classifie	d h		
		the provisions set forth in EC Regulation 1272/2008 (CL ances in concentrations such as to be declared in sectio	
appropriate information, co Hazard classification and i	ompliant to (EU) Regulation 2	2015/830.	
2.2. Label elements			
The Regulation EC 1272/	2008 on classification label	ling and packaging of substances and mixtures (CLP),	shall not apply to a medical device in the
		uman body according to art. 1.5, letter d). Therefore the	
requirements.			
Hazard pictograms:			
<u>-</u>			
Signal words:			
Hazard statements:			
EUH210	Safety data sheet availab	e on request.	

Revision nr. 3

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Dated 08/01/2019

Printed on 10/01/2019 Page n. 2/13

Replaced revision:2 (Dated: 07/11/2016)

Precautionary statements:

2.3. Other hazards

There is no exposure to breathable free crystalline silica during normal use of this product. For more information see section 11.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Со	nta	ins:	

Identification	x = Conc. %	Classification 1272/2008 (CLP)
QUARTZ		
CAS 14808-60-7	30 ≤ x < 45	STOT RE 1 H372
EC 238-878-4		
INDEX -		
CRISTOBALITE		
CAS 14464-46-1	3≤x< 5	STOT RE 1 H372
EC 238-455-4		
INDEX -		
ALCOHOLS, C12-14, ETHOXYLATED		
CAS 68439-50-9	0,5 ≤ x < 1	Eye Irrit. 2 H319, Aquatic Acute 1 H400 M=1, Aquatic Chronic 3 H412
EC		
INDEX -		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

Revision nr. 3

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Dated 08/01/2019

Printed on 10/01/2019 Page n. 3/13

Replaced revision:2 (Dated: 07/11/2016)

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Revision nr. 3

Dated 08/01/2019

Printed on 10/01/2019 Page n. 4/13

Replaced revision:2 (Dated: 07/11/2016)

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

CZE	Česká Republika	Nařízení vlády č. 361/2007 Sb. kterým se stanoví podmínky ochrany zdraví při práci
DEU	Deutschland	TRGS 900 (Fassung 31.1.2018 ber.) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
DNK	Danmark	Graensevaerdier per stoffer og materialer
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2017
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
HUN	Magyarország	50/2011. (XII. 22.) NGM rendelet a munkahelyek kémiai biztonságáról
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Databank of the social and Economic Concil of Netherlands (SER) Values, AF 2011:18
NOR	Norge	Veiledning om Administrative normer for forurensning i arbeidsatmosfære
SWE	Sverige	Occupational Exposure Limit Values, AF 2011:18
	TLV-ACGIH	ACGIH 2018
1		

QUARTZ

Threshold Limit Value							
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
TLV	CZE	0,1					
MAK	DEU	0,15					
VLA	ESP	0,1					
VLEP	FRA	0,1				RESP	
WEL	GBR	0,3					
OEL	NLD	0,075				RESP	
TLV	NOR	0,1				RESP	
MAK	SWE	0,1				RESP	
TLV-ACGIH		0,025				RESP	

CRISTOBALITE

Threshold Limit Valu							
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
TLV	DNK	0,15				RESP	
VLEP	FRA	0,05				RESP	
AK	HUN	0,15				RESP	
VLEP	ITA	0,05				RESP	(USA-NIOSH)
MAC	NLD	0,075				RESP	

Revision nr. 3

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Dated 08/01/2019

Printed on 10/01/2019 Page n. 5/13

RESP

Replaced revision:2 (Dated: 07/11/2016)

MAK

TLV-ACGIH

SWE

0,05 0,025

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category III professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	viscous fluid
Colour	green
Odour	mint

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Revision nr. 3

Dated 08/01/2019

Printed on 10/01/2019 Page n. 6/13

Replaced revision:2 (Dated: 07/11/2016)

Odour threshold	Not applicable
рН	Not applicable
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	Not available
Evaporation Rate	Not available
Flammability of solids and gases	not applicable
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility	insoluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials

Information not available

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Revision nr. 3

Dated 08/01/2019

Printed on 10/01/2019 Page n. 7/13

Replaced revision:2 (Dated: 07/11/2016)

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component) LD50 (Oral) of the mixture: Not classified (no significant component) LD50 (Dermal) of the mixture: Not classified (no significant component)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Revision nr. 3

Dated 08/01/2019

Printed on 10/01/2019 Page n. 8/13

Replaced revision:2 (Dated: 07/11/2016)

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

ALCOHOLS, C12-14, ETHOXYLATED LD50 (Oral) > 2000 mg/kg (OECD TG 401, GLP, rat, ECHA dossier). Acute Toxicity: Inhalation: No data available. Dermal: No data available. Irritation/Corrosion Skin irritation: Not irritating (simile a OECD 404, GLP, rabbit, ECHA dossier). Eye irritation: Irritating (MSDS supplier). Sensitization: Not sensitizing (OECD 406, GLP, Guinea pig, ECHA dossier). STOT Repeated Exposure: NOAEL = 1.080,2 mgTOS/kg bw/day (OECD 408, oral, subchronic, rat, ECHA dossier). Mutagenicity: Negative (OCDE 473, ECHA dossier). Carcinogenicity: Does not meet the classification criteria for this hazard class (MSDS supplier). Toxicity to reproduction: Does not meet the classification criteria for this hazard class (MSDS supplier). Toxicity for aspiration: Does not meet the classification criteria for this hazard class (MSDS supplier). QUARTZ Acute Toxicity: No data available. Irritation/Corrosion Skin irritation: Not irritating (MSDS supplier). Eye irritation: Slightly irritating (MSDS supplier). Sensitization: Not sensitizing (MSDS supplier). Mutagenicity: Does not meet the classification criteria for this hazard class (MSDS supplier). Carcinogenicity: IARC (group 1), NTP (RAHC), ACGIH (A2) (MSDS supplier). Toxicity to reproduction: Does not meet the classification criteria for this hazard class (MSDS supplier). Toxicity for aspiration: Not applicable. STOT Repeated Exposure: Adverse effects on lungs (fibrosis-silicosis)(MSDS supplier). In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France). In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk ... " (SCOEL SUM Doc 94-final, June 2003). There is a body of evidence supporting the fact that increased cancer risk would not be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.controlled. CRISTOBALITE Acute Toxicity: No data available. Irritation/Corrosion Skin irritation: Not irritating (MSDS supplier). Eye irritation: Slightly irritating (MSDS supplier). Sensitization: Not sensitizing (MSDS supplier).

Mutagenicity: Does not meet the classification criteria for this hazard class (MSDS supplier).

Carcinogenicity: IARC (group 1), NTP (RAHC), ACGIH (A2) (IARC).

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Zhermack S.p.a

Revision nr. 3

Dated 08/01/2019 Printed on 10/01/2019

Page n. 9/13

Replaced revision:2 (Dated: 07/11/2016)

Toxicity to reproduction: Does not meet the classification criteria for this hazard class (MSDS supplier). Toxicity for aspiration: Not applicable.

STOT Repeated Exposure: Adverse effects on lungs (fibrosis-silicosis)(MSDS supplier).

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France).

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003).

There is a body of evidence supporting the fact that increased cancer risk would not be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

"For the purposes of classification of health hazards (part 3), the route of exposure, information on mechanisms and metabolism studies are useful for determining the relevance of effects in humans. If this information raises doubts as to their relevance in humans, in spite of the indisputable data legitimacy and quality, a lower classification may be justified. When there is scientific evidence that the mechanism or mode of action is not relevant to humans, the substance or mixture should not be classified (annex I, section 1.1.1.5, EC Regulation 1272/2008)". Monitoring activities conducted at the company related to possible inhalation exposure, in accordance with industrial hygiene standards for paste and

Monitoring activities conducted at the company related to possible inhalation exposure, in accordance with industrial hygiene standards for paste and fluid products, showed levels of exposure to free crystalline silica (breathable part) below the limit of quantification of the method, therefore exposure is not expected during the use indicated in section 1.2 for this specific product.

However, the actual levels of free crystalline silica (breathable part) present in the workplace must be obtained through monitoring as required by regulations for the safety and health of workers.

SECTION 12. Ecological information

12.1. Toxicity

ALCOHOLS, C12-14, ETHOXYLATED LC50 - for Fish

> 1,2 mg/l/96h (EU Method C.1, GLP, Danio rerio, ECHA dossier).

12.2. Persistence and degradability

CRISTOBALITE NOT rapidly degradable

QUARTZ NOT rapidly degradable

ALCOHOLS, C12-14, ETHOXYLATED Rapidly degradable

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

Revision nr. 3 Dated 08/01/2019

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Printed on 10/01/2019

Page n. 10/13

Replaced revision:2 (Dated: 07/11/2016)

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Revision nr. 3

Dated 08/01/2019

Printed on 10/01/2019 Page n. 11/13

Replaced revision:2 (Dated: 07/11/2016)

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EC: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product None

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

Revision nr. 3

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Dated 08/01/2019

Printed on 10/01/2019 Page n. 12/13

Replaced revision:2 (Dated: 07/11/2016)

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Eye Irrit. 2	Eye irritation, category 2
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H372	Causes damage to organs through prolonged or repeated exposure.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- · CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- **OEL: Occupational Exposure Level**
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- Regulation (EC) 1272/2008 (CLP) of the European Parliament
 Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
- 4. Regulation (EU) 2015/830 of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)

Revision nr. 3

C207004 - HYDRORISE REGULAR NORMAL SET - BASE

Dated 08/01/2019

Printed on 10/01/2019 Page n. 13/13

Replaced revision:2 (Dated: 07/11/2016)

13. Regulation (EU) 2017/776 (X Atp. CLP)

- The Merck Index. - 10th Edition - Handling Chemical Safety

- INRS - Fiche Toxicologique (toxicological sheet)

Patty - Industrial Hygiene and Toxicology

- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

- IFA GESTIS website - ECHA website

- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

A safety data sheet is not required for this product under article 31 of Regulation 1907/2006/EC. This safety data sheet has been created on a voluntary basis.

Changes to previous review: The following sections were modified:

01 / 02 / 03 / 09 / 11 / 12 / 15 / 16.