ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 1/15

Replaced revision:2 (Dated: 28/02/2023)

Safety Data Sheet
According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: Product name Chemical name and synonym UFI:

ESXFIT000001 **INOX FIT INOX FIT**

Q860-V0Y0-K00M-XTRT

1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use Neutralizer and corrosion inhibitor for stainless steel

1.3. Details of the supplier of the safety data sheet

Name Full address District and Country **NITTY-GRITTY S.R.L.** via dei Marmorari 36 41057 Spilamberto (Mo)

Italia

Tel. 059785210 Fax 0597861612

e-mail address of the competent person

responsible for the Safety Data Sheet

lapelosa@nitty-gritty.it

1.4. Emergency telephone number

For urgent inquiries refer to

POISON CENTER

ITALY: 06/3054343 06/49970698 BELGIUM: 070 245 245 CROATIA: +385 1 2348 342 CZECH REPUBLIC: +420 224 919 293

FINLAND: 09 471977 GERMANY: +49 228 287 3211 HUNGARY: +36 80 20 11 99

IRELAND: 01 8092566 or 01 8379964 NORWAY: 22 59 13 00

PORTUGAL: 808 250 143 RUSSIAN: (495) 628 1687 SLOVENIA: + 386 41 650 500 SWEDEN: +46 8 33 12 31 **UNITED KINGDOM: 111**

AUSTRIA: +43 1 406 43 43 BULGARIA: +359 2 9154 409 **DENMARK: +45 82 12 12 12**

SWITZERLAND: 145

ESTONIA: 16662, (+372) 626 93 90 FRANCE: + 33 (0)1 45 42 59 59 GRECEE: +30 10 779 3777 ICELAND:+354 525 111 NETHERLANDS: 030 274 88 88 POLAND:(12) 411 99 99 ROMANIA: 021.318.36.06 SLOVAKIA: +421 2 5477 4166 SPAIN: + 34 91 562 04 20 TURKEY: 0 800 314 7900

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 2/15

Replaced revision:2 (Dated: 28/02/2023)

Hazard classification and indication:

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

Signal words:

Hazard statements:

EUH210 Safety data sheet available on request.

Precautionary statements:

2.3. Other hazards

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

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
WATER		

INDEX - $90 \le x < 94$

EC 231-791-2 CAS 7732-18-5

ETHANOL

INDEX 603-002-00-5 $8 \le x < 9$ Flam. Liq. 2 H225

EC 200-578-6 CAS 64-17-5

ETHANOLAMINE

INDEX 603-030-00-8 $0,809 \le x <$ Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Corr. 1B

H314, Eye Dam. 1 H318, STOT SE 3 H335 0,909

EC 205-483-3 STOT SE 3 H335: ≥ 5%

CAS 141-43-5 STA Oral: 500 mg/kg, STA Dermal: 1100 mg/kg, STA Inhalation vapours: 11

mg/l, STA Inhalation mists/powders: 1,5 mg/l

NITTY-GRITTY S.R.L. Revision nr. 3 Dated 28/02/2023 Printed on 28/02/2023 Page n. 3/15 Replaced revision:2 (Dated: 28/02/2023)

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

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide and chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water.

Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

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

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 4/15

Replaced revision:2 (Dated: 28/02/2023)

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

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů

Nařízení vlády č. 41/2020 Sb. Nařízení vlády, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Česká Republika

Regulatory References:

CZF

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte.
		MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
DNK	Danmark	Bekendtgørelse om grænseværdier for stoffer og materialer - BEK nr 1458 af 13/12/2019
ESP	España	Límites de exposición profesional para agentes guímicos en España 2021
FRA	France	Valeurs limites de exposicion professionnelle aux agents chimiques en France. ED 984 - INRS
HUN	Magyarország	Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
HRV	Hrvatska	Pravilnik o izmjenama i dopunama Pravilnika o zaštiti radnika od izloženosti opasnimkemikalijama na radu,
TIIXV	Tilvaiska	graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NOR	Norge	Forskrift om endring i forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i
	3	arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier), 21.
		august 2018 nr. 1255
NLD	Nederland	Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden op grond van de artikelen 4.3, eerste
		lid, en 4.16, eerste lid, van het Arbeidsomstandighedenbesluit
PRT	Portugal	Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes
		químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à
		exposição durante o trabalho a agentes cancerígenos ou mutagénicos
POL	Polska	Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie
		w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w
		środowisku pracy
ROU	România	Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru modificarea
		și completarea hotărârii guvernului nr. 1.093/2006
SWE	Sverige	Hygieniska gränsvärden, Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden (AFS

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 5/15

Replaced revision:2 (Dated: 28/02/2023)

GBR EU

United Kingdom OEL EU

2018:1)

2018:1)
EH40/2005 Workplace exposure limits (Fourth Edition 2020)
Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983;
Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.
ACGIH 2021

TLV-ACGIH

Туре	Country TWA/8h STEL/15min			Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm		
TLV	CZE	1000	522	3000	1566		
AGW	DEU	380	200	1520	800	· · · · · · · · · · · · · · · · · · ·	
MAK	DEU	380	200	1520	800		
TLV	DNK	1900	1000				
VLA	ESP			1910	1000		
VLEP	FRA	1900	1000	9500	5000		
AK	HUN	1900	·	3800	·	· · · · · · · · · · · · · · · · · · ·	
GVI/KGVI	HRV	1900	1000		·	· · · · · · · · · · · · · · · · · · ·	
TLV	NOR	950	500				
TGG	NLD	260		1900		SKIN	
NDS/NDSCh	POL	1900	·		·	· · · · · · · · · · · · · · · · · · ·	
TLV	ROU	1900	1000	9500	5000	,	
NGV/KGV	SWE	1000	500	1900 (C)	1000 (C)		
WEL	GBR	1920	1000				
TLV-ACGIH				1884	1000		

Туре	Country TWA/8h			STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV	CZE	2,5	0,985	7,5	2,955		
AGW	DEU	0,5	0,2	0,5	0,2	SKIN	
MAK	DEU	0,51	0,2	0,51	0,2		
TLV	DNK	2,5	1			SKIN	E
VLA	ESP	2,5	1	7,5	3	SKIN	
VLEP	FRA	2,5	1	7,6	3	SKIN	
AK	HUN	2,5	*	7,6	·	SKIN	
GVI/KGVI	HRV	2,5	1	7,6	3	SKIN	
VLEP	ITA	2,5	1	7,6	3	SKIN	
TLV	NOR	2,5	1	·	·	SKIN	
TGG	NLD	2,5	·	7,6		SKIN	
VLE	PRT	2,5	1	7,6	3	SKIN	
NDS/NDSCh	POL	2,5		7,5		SKIN	
TLV	ROU	2,5	1	7,6	3	SKIN	
NGV/KGV	SWE	2,5	1	7,5	3	SKIN	·

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 6/15

Replaced revision:2 (Dated: 28/02/2023)

WEL	GBR	2,5	1	7,6	3	SKIN	
OEL	EU	2,5	1	7,6	3	SKIN	
TLV-ACGIH	•	7,5	3	15	6		

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.

HAND PROTECTION

Handle with gloves. Gloves must be checked before being used. Use a suitable technique for removing gloves (without touching the outer surface of the glove) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with current legislation and good laboratory practices. Wash and dry your hands.

The selected protective gloves must meet the requirements of EU Directive 89/686 / EEC and the resulting EN 374 standards.

Full contact

Material: Nitrile rubber minimum thickness: 0.11 mm permeation time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Spray contact

Material: Nitrile rubber minimum thickness: 0.11 mm permeation time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Data source: KCL GmbH, D-36124 Eichenzell, tel. +49 (0) 6659 87300, e-mail sales@kcl.de,

test method: EN374

If used in solution, or mixed with other substances, and under conditions other than those mentioned in EN 374, contact the supplier of gloves approved by the EC. This recommendation is valid as a recommendation and must be assessed by an industrial hygienist and a safety officer aware of the specific situation of use envisaged by our customers. It should not be interpreted as an approval of a specific exposure scenario.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 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).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (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

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023
Printed on 28/02/2023

Page n. 7/15

Replaced revision:2 (Dated: 28/02/2023)

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	solid	
Colour	pink	
Odour	mild	
Melting point / freezing point	not available	
Initial boiling point	> 35 °C	
Flammability	not flammable	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	10	
Kinematic viscosity	not available	
Solubility	soluble in water	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	0,96	
Relative vapour density	not available	

not applicable

9.2. Other information

Particle characteristics

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU) 8,90 % - 85,44 g/litre VOC (volatile carbon) 4,52 % - 43,40 g/litre

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.

NITTY-GRITTY S.R.L. Revision nr. 3 Dated 28/02/2023 Printed on 28/02/2023 Page n. 8/15 Replaced revision:2 (Dated: 28/02/2023)

ETHANOL

Risk of explosion on contact with: alkaline metals, alkaline oxides, calcium hypochlorite, sulphur monofluoride, acetic anhydride, acids, concentrated hydrogen peroxide, perchlorates, perchloric acid, perchloronitrile, mercury nitrate, nitric acid, silver, silver nitrate, ammonia, silver oxide, ammonia, strong oxidising agents, nitrogen dioxide. May react dangerously with: bromoacetylene, chlorine acetylene, bromine trifluoride, chromium trioxide, chromyl chloride, fluorine, potassium tert-butoxide, lithium hydride, phosphorus trioxide, black platinum, zirconium (IV) chloride, zirconium (IV) iodide. Forms explosive mixtures with: air.

ETHANOLAMINE

May react dangerously with: acrylonitrile,chloroepoxypropane,chlorosulphuric acid,hydrogen chloride,iron-sulphur compounds,acetic acid,acetic anhydride,mesityl oxide,nitric acid,sulphuric acid,strong acids,vinyl acetate,cellulose nitrate.

10.4. Conditions to avoid

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

ETHANOL

Avoid exposure to: sources of heat, naked flames.

ETHANOLAMINE

Avoid exposure to: air, sources of heat.

10.5. Incompatible materials

ETHANOLAMINE

Incompatible with: iron, strong acids, strong oxidants.

10.6. Hazardous decomposition products

ETHANOLAMINE

May develop: nitric oxide, carbon oxides.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Revision nr. 3 **NITTY-GRITTY S.R.L.** Dated 28/02/2023 Printed on 28/02/2023 **ESXFIT000001 - INOX FIT** Page n. 9/15 Replaced revision:2 (Dated: 28/02/2023) 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** ATE (Inhalation) of the mixture: Not classified (no significant component) ATE (Oral) of the mixture: ATE (Dermal) of the mixture: >2000 mg/kg Not classified (no significant component) ETHANOL LD50 (Oral): > 5000 mg/kg Rat LC50 (Inhalation vapours): 117 mg/l/4h Rat 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

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

NITTY-GRITTY S.R.L. Revision nr. 3 Dated 28/02/2023 Printed on 28/02/2023 Page n. 10/15 Replaced revision:2 (Dated: 28/02/2023)

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

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

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

ETHANOL

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 11/15

Replaced revision:2 (Dated: 28/02/2023)

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

ETHANOLAMINE

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

ETHANOL

Partition coefficient: n-octanol/water -0,35

ETHANOLAMINE

Partition coefficient: n-octanol/water -2,3

12.4. Mobility in soil

ETHANOLAMINE

Partition coefficient: soil/water -0,5646

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

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 or ID number

NITTY-GRITTY S.R.L.	Revision nr. 3 Dated 28/02/2023
ESXFIT000001 - INOX FIT	Printed on 28/02/2023
	Page n. 12/15
	Replaced revision:2 (Dated: 28/02/2023)
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	
14.6. Special precautions for user	
not applicable	
14.7. Maritime transport in bulk according to IMO instruments	
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/EU: None	
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006	
Product Point 40	
Contained substance	

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 13/15

Replaced revision:2 (Dated: 28/02/2023)

Point 75 ETHANOLAMINE

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

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

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 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

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

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

Flam. Liq. 2 Flammable liquid, category 2
Acute Tox. 4 Acute toxicity, category 4
Skin Corr. 1B Skin corrosion, category 1B

STOT SE 3 Specific target organ toxicity - single exposure, category 3

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

EUH210 Safety data sheet available on request.

ESXFIT000001 - INOX FIT

Revision nr. 3

Dated 28/02/2023

Printed on 28/02/2023

Page n. 14/15

Replaced revision:2 (Dated: 28/02/2023)

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 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: 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: Regulation (EC) 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: Time-weighted average exposure limit
- TWA STEL: Short-term 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
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) 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
- 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)
 13. Regulation (EU) 2017/776 (X Atp. CLP)
 14. Regulation (EU) 2018/669 (XI Atp. CLP)

- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII 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

NITTY-GRITTY S.R.L.	Revision nr. 3		
	Dated 28/02/2023 Printed on 28/02/2023		
ESXFIT000001 - INOX FIT	Page n. 15/15		
	Replaced revision:2 (Dated: 28/02/2023)		
ote for users: ne information contained in the present sheet are based on our own knowledge on the date of the last version oroughness of provided information according to each specific use of the product. nis document must not be regarded as a guarantee on any specific product property. ne use of this product is not subject to our direct control; therefore, users must, under their own responsibility, cor ws and regulations. The producer is relieved from any liability arising from improper uses.			
ws and regulations. The producer is releved from any flability arising from improper uses. rovide appointed staff with adequate training on how to use chemical products. ALCULATION METHODS FOR CLASSIFICATION hemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Ann	ex I. Part 2. The data for evaluation o		
nemical-physical properties are reported in section 9. ealth hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determination methods as per Annex I of CLP, Part 4, unless determination methods as per Annex I of CLP, Part 4, unless	ined otherwise in Section 11.		
hanges to previous review: ne following sections were modified: 1.			
n.			