Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE **COMPANY/UNDERTAKING**

1.1 Product identifier

Product name : GREASELIFT RTU (EU)

UFI : M7C0-2V2U-C80C-G9DX

Product code 115833E

Use of the

Substance/Mixture

Grill Cleaner

Substance type: : Mixture

For professional users only.

Product dilution information : Product is sold ready to use.

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

Identified uses : Oven/Grill Cleaner. Spray and wipe manual process

Recommended restrictions

on use

: Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Company : Ecolab Deutschland GmbH

Ecolab-Allee 1

40789 Monheim am Rhein, Germany +49 (0)2173 599 0

OfficeService.DEDUS@ecolab.com

1.4 Emergency telephone number

Emergency telephone

number

: +32-(0)3-575-5555 Trans-european, German speaking, 24/7

or +49 32 212249407 German speaking, 24/7

Poison Information Centre : +49 (0)551 38318854

telephone number

Date of Compilation/Revision : 04.05.2023 Version 1.4

Section: 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling:

mixtures

Special labelling of certain : Safety data sheet available on request.

2.3 Other hazards

None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. REACH No.	EC-No. REGULATION (EC) No 1272/2008	
Benzyl alcohol	100-51-6 202-859-9 01-2119492630-38	Acute toxicity Category 4; H302 Acute toxicity Category 4; H332 Serious eye damage/eye irritation Category 2; H319	>= 5 - < 10
2-butoxyethanol	111-76-2 203-905-0 01-2119475108-36	Acute toxicity Category 4; H302 Acute toxicity Category 3; H331 Skin irritation Category 2; H315 Eye irritation Category 2; H319	>= 1 - < 2.5
9-octadecenoic acid (z)-, compd. with 2- aminoethanol (1:1)	2272-11-9 218-878-0 01-2119958940-28	Eye irritation Category 2; H319	>= 1 - < 2.5

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section: 4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of eye contact : Rinse with plenty of water.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

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

4.3 Indication of immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

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Section: 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Unsuitable extinguishing

media

: None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during

firefighting

: Not flammable or combustible.

Hazardous combustion

products

: Depending on combustion properties, decomposition products

may include following materials:

Carbon oxides

nitrogen oxides (NOx)

5.3 Advice for firefighters

for firefighters

Special protective equipment : Use personal protective equipment.

Further information : Fire residues and contaminated fire extinguishing water must be

disposed of in accordance with local regulations. In the event of

fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency

personnel

: Ensure clean-up is conducted by trained personnel only. Refer to

protective measures listed in sections 7 and 8.

Advice for emergency

responders

: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable

materials.

6.2 Environmental precautions

: Do not allow contact with soil, surface or ground water. Environmental precautions

6.3 Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with Methods for cleaning up

non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a

waterway.

6.4 Reference to other sections

See Section 1 for emergency contact information.

For personal protection see section 8.

See Section 13 for additional waste treatment information.

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Section: 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : In case of mechanical malfunction, or if in contact with unknown

dilution of product, wear full Personal Protective Equipment (PPE). Wash hands after handling. For personal protection see section 8.

Hygiene measures : Wash hands before breaks and immediately after handling the

product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage

areas and containers

: Keep out of reach of children. Keep container tightly closed. Store

in suitable labeled containers.

Storage temperature : 0 °C to 50 °C

7.3 Specific end uses

Specific use(s) : Oven/Grill Cleaner. Spray and wipe manual process

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.		Value type (Form of exposure)	Control parameters	Basis
Benzyl alcohol	100-51-6		AGW (Vapour and	5 ppm	TRGS 900
			aerosols)	22 mg/m3	
Further information	Н	Skin a	bsorption		
	Υ			th the OEL and biological tolera	nce values, there
		is no r	isk of harming the unb	orn child	
2-butoxyethanol	111-76	-2	AGW	10 ppm	TRGS 900
				49 mg/m3	
Further information	Н	Skin a	bsorption		
	Υ			th the OEL and biological tolera	ance values, there
		is no r	isk of harming the unb	orn child	
isopropanolamine	78-96-6	6	AGW (Vapour and	2 ppm	TRGS 900
			aerosols)	5.8 mg/m3	
2-(2-	929-06-6		AGW (Vapour and	0.2 ppm	TRGS 900
aminoethoxy)ethanol			aerosols)	0.87 mg/m3	
Further information	H Skin a		bsorption		
	Sh Subst		ance sensitizing throug	h the skin	
triethanolamine	102-71-6		AGW (Inhalable	1 mg/m3	TRGS 900
			fraction)		
Further information	Y When			th the OEL and biological tolera	ance values, there
		is no r	isk of harming the unb	orn child	
monoethanolamine	141-43-5		AGW (Vapour and	0.2 ppm	TRGS 900
			aerosols)	0.5 mg/m3	
Further information	Н	Skin a	absorption		
	Υ	When	When there is compliance with the OEL and biological tolerance values, there		ance values, there
		is no r	isk of harming the unb	orn child	
	Sh	Subst	ance sensitizing throug	h the skin	

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
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2-butoxyethanol	111-76-2	butoxy acetic acid: 150 mg/g	In case of long-term	TRGS 903
		Creatinine	exposure: after more than	
		(Urine)	one shift, Immediately after	
			exposition or after working	
			hours	

DNEL		
Linear(C12-C14)alkanol,	:	End Use: Workers
ethoxylated, sulfated, sodium		Exposure routes: Inhalation
salt		Potential health effects: Long-term systemic effects
		Value: 175 mg/m3
		End Haar Workers
		End Use: Workers
		Exposure routes: Dermal
		Potential health effects: Long-term systemic effects
		Value: 2750 mg/m3
		End Use: Workers
		Exposure routes: Dermal
		Potential health effects: Long-term local effects
		Value: 0.132 mg/m3
		End Use: Consumers
		Exposure routes: Inhalation
		Potential health effects: Long-term systemic effects
		Value: 52 mg/m3
		End Use: Consumers
		Exposure routes: Dermal
		Potential health effects: Long-term systemic effects
		Value: 1650 mg/m3
		End Use: Consumers
		Exposure routes: Dermal
		Potential health effects: Long-term local effects
		Value: 0.079 mg/m3
		End Use: Consumers
		Exposure routes: Oral
		Potential health effects: Long-term systemic effects
		Value: 15 mg/m3
		3
triethanolamine	:	End Use: Workers
		Exposure routes: Inhalation
		Potential health effects: Long-term systemic effects
		Value: 1 mg/m3
		End Use: Workers
		Exposure routes: Inhalation
		Potential health effects: Long-term local effects
		Value: 1 mg/m3
		-
		End Use: Workers
		Exposure routes: Dermal
		Potential health effects: Long-term systemic effects
		Value: 7.5 mg/cm2
		End Hear Concumers
		End Use: Consumers Exposure routes: Inhalation
	<u> </u>	Exposure routes. Irmaiation

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Potential health effects: Long-term systemic effects

Value: 1.25 mg/m3

End Use: Consumers Exposure routes: Inhalation

Potential health effects: Long-term local effects

Value: 1.25 mg/m3

End Use: Consumers Exposure routes: Dermal

Potential health effects: Long-term systemic effects

Value: 3.1 mg/cm2

End Use: Consumers Exposure routes: Ingestion

Potential health effects: Long-term systemic effects

Value: 13 ppm

PNEC

PNEC			
Linear(C12-C14)alkanol,	:	Fresh water	
ethoxylated, sulfated, sodium		Value: 0.24 mg/l	
salt			
		Marine water	
		Value: 0.024 mg/l	
		value. 0.024 mg/i	
		On the standard standard	
		Sewage treatment plant	
		Value: 10000 mg/l	
		Fresh water sediment	
		Value: 0.917 mg/kg	
		Marine sediment	
		Value: 0.092 mg/kg	
		Soil	
		Value: 7.5 mg/kg	
		value. 7.5 mg/kg	
		Lroch water	
triethanolamine	:	Fresh water	
inemanolamine	-	Value: 0.32 mg/l	
ureuranoiamine	•	Value: 0.32 mg/l	
ureuranoiamine		Value: 0.32 mg/l Marine water	
tretranolamine		Value: 0.32 mg/l Marine water	
ureuranoiamine	٠	Value: 0.32 mg/l	
ureuranoiamme	•	Value: 0.32 mg/l Marine water	
ureuranoiamine	-	Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release	
шешановиште	-	Value: 0.32 mg/l Marine water Value: 0.032 mg/l	
шешаповиште	-	Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l	
шешаповишне	-	Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment	
шешаповишне	-	Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l	
пешапоапппе		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg	
пешаповишне		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment	
пешалоаппре		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg	
пешалоатте		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment Value: 1.7 mg/kg	
пешалоатте		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment Value: 1.7 mg/kg Sewage treatment plant	
ureuranoiamine		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment Value: 1.7 mg/kg	
ureuranoiamine		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment Value: 1.7 mg/kg Sewage treatment plant	
пеціановіпіне		Value: 0.32 mg/l Marine water Value: 0.032 mg/l Intermittent use/release Value: 5.12 mg/l Fresh water sediment Value: 1.7 mg/kg Marine sediment Value: 1.7 mg/kg Sewage treatment plant	

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Value: 0.151 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Engineering measures : Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

Individual protection measures

Hygiene measures : Wash hands before breaks and immediately after handling the

product.

Eye/face protection (EN 166) : No special protective equipment required.

Hand protection (EN 374) : No special protective equipment required.

Skin and body protection

(EN 14605)

: No special protective equipment required.

Respiratory protection (EN

143, 14387)

: None required if airborne concentrations are maintained below the

exposure limit listed in Exposure Limit Information. Use certified

respiratory protection equipment meeting EU

requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods

or procedures of work organization.

Environmental exposure controls

General advice : Consider the provision of containment around storage vessels.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state : liquid

Colour : clear, orange
Odour : odourless

pH : 10.5 - 10.9, 100 %

Particle characteristics

Assessment : not applicable
Particle size : not applicable
Particle Size Distribution : not applicable
Dustiness : not applicable
Specific surface area : not applicable
Surface charge/Zeta : not applicable

potential

Shape : not applicable
Crystallinity : not applicable

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Surface treatment

/Coatings Flash point

: Not applicable., Does not sustain combustion.

Odour Threshold : Not applicable and/or not determined for the mixture

: not applicable

Melting point/freezing point : Not applicable and/or not determined for the mixture Boiling point, initial boiling : Not applicable and/or not determined for the mixture

point and boiling range

: Not applicable and/or not determined for the mixture

: Not applicable and/or not determined for the mixture

Evaporation rate Flammability : Not applicable and/or not determined for the mixture Upper explosion limit : Not applicable and/or not determined for the mixture Lower explosion limit : Not applicable and/or not determined for the mixture Vapour pressure : Not applicable and/or not determined for the mixture

Relative vapour density Density and / or relative

density

: 1.007 - 1.015

Water solubility : soluble

Solubility in other solvents : Not applicable and/or not determined for the mixture Partition coefficient: n-: Not applicable and/or not determined for the mixture octanol/water (log value)

Auto-ignition temperature : Not applicable and/or not determined for the mixture Thermal decomposition : Not applicable and/or not determined for the mixture Viscosity, kinematic Not applicable and/or not determined for the mixture Explosive properties : Not applicable and/or not determined for the mixture Oxidizing properties : The substance or mixture is not classified as oxidizing.

9.2 Other information

Not applicable and/or not determined for the mixture

Section: 10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

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None known.

10.6 Hazardous decomposition products

Depending on combustion properties, decomposition products may include following materials: Carbon oxides nitrogen oxides (NOx)

Section: 11. TOXICOLOGICAL INFORMATION

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

exposure

Information on likely routes of : Inhalation, Eye contact, Skin contact

Product

Acute oral toxicity : Acute toxicity estimate : > 2,000 mg/kg

Acute inhalation toxicity : 4 h Acute toxicity estimate : > 20 mg/l

Test atmosphere: vapour

Acute dermal toxicity : There is no data available for this product.

Skin corrosion/irritation : There is no data available for this product.

Serious eye damage/eye

irritation

: There is no data available for this product.

Respiratory or skin

sensitization

: There is no data available for this product.

Carcinogenicity : There is no data available for this product.

Reproductive effects : There is no data available for this product.

Germ cell mutagenicity : There is no data available for this product.

Teratogenicity : There is no data available for this product.

STOT - single exposure : There is no data available for this product.

STOT - repeated exposure : There is no data available for this product.

Aspiration toxicity : There is no data available for this product.

Components

Acute oral toxicity : Benzyl alcohol LD50 rat: 1,620 mg/kg

2-butoxyethanol LD50 rat: 1,500 mg/kg

9-octadecenoic acid (z)-, compd. with 2-aminoethanol (1:1) LD50

rat: > 2,000 mg/kg

Components

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Acute dermal toxicity : 9-octadecenoic acid (z)-, compd. with 2-aminoethanol (1:1) LD50

rabbit: > 2,000 mg/kg

Potential Health Effects

Eyes : Health injuries are not known or expected under normal use.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact : No symptoms known or expected.

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

11.2 Information on other hazards

Further information : no data available

Section: 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Environmental Effects : Harmful to aquatic life.

Product

Toxicity to fish : no data available

Toxicity to daphnia and other : no data available

aquatic invertebrates

Toxicity to algae : no data available

Components

Toxicity to fish : Benzyl alcohol

96 h LC50 Pimephales promelas (fathead minnow): 460 mg/l

2-butoxyethanol

96 h LC50 Fish: > 100 mg/l

9-octadecenoic acid (z)-, compd. with 2-aminoethanol (1:1)

96 h LC50 Fish: 7.44 mg/l

Components

Toxicity to daphnia and other : Benzyl alcohol

aquatic invertebrates 48 h EC50 Daphnia magna (Water flea): 230 mg/l

Components

Toxicity to algae : Benzyl alcohol

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72 h EC50 Pseudokirchneriella subcapitata (green algae): 770

mg/l

2-butoxyethanol

72 h EC50 Aquatic Plant: 911 mg/l

12.2 Persistence and degradability

Product

Biodegradability : The surfactants contained in the product are biodegradable

according to the requirements of the detergent regulation

648/2004/EC

Components

Biodegradability : Benzyl alcohol

Result: Readily biodegradable.

2-butoxyethanol

Result: Readily biodegradable.

9-octadecenoic acid (z)-, compd. with 2-aminoethanol (1:1)

Result: Readily biodegradable.

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

Product

Assessment : This substance/mixture contains no components considered to be

either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or

higher.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

12.7 Other adverse effects

no data available

Section: 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

13.1 Waste treatment methods

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Product : Do not contaminate storm water drains, natural waterways or soil

with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations

Dispose of wastes in an approved waste disposal facility.

Contaminated packaging : Dispose of as unused product. Empty containers should be taken

to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local,

state, and federal regulations.

Guidance for Waste Code

selection

: Organic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (ADR/ADN/RID)

14.1 UN number or ID : Not dangerous goods

number

14.2 UN proper shipping : Not dangerous goods

name

14.3 Transport hazard : Not dangerous goods

class(es)

14.4 Packing group
14.5 Environmental hazards
14.6 Special precautions for
14.6 Not dangerous goods
15. Not dangerous goods
16. Not dangerous goods
17. Not dangerous goods
18. Not dangerous goods
19. Not dangerous goods

user

Air transport (IATA)

14.1 UN number or ID : Not dangerous goods

number

14.2 UN proper shipping : Not dangerous goods

name

14.3 Transport hazard : Not dangerous goods

class(es)

14.4 Packing group
14.5 Environmental hazards
14.6 Special precautions for
Not dangerous goods
Not dangerous goods

user

Sea transport (IMDG/IMO)

14.1 UN number or ID : Not dangerous goods

number

14.2 UN proper shipping : Not dangerous goods

name

14.3 Transport hazard : Not dangerous goods

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class(es)

14.4 Packing group : Not dangerous goods 14.5 Environmental hazards : Not dangerous goods 14.6 Special precautions for : Not dangerous goods

user

14.7 Maritime transport in

bulk according to IMO

instruments

: Not dangerous goods

Section: 15. REGULATORY INFORMATION

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

: less than 5 %: Anionic surfactants, Non-ionic surfactants, Soap according to Detergents

Regulation EC 648/2004 Other constituents: Perfumes

> Allergens: Benzyl alcohol

Seveso III: Directive Not applicable.

2012/18/EU of the European Parliament and of the Council on the control of majoraccident hazards involving dangerous substances.

Candidate List of Substances : Not applicable.

of Very High Concern for

Authorisation

National Regulations

Take note of Dir 94/33/EC on the protection of young people at work.

: WGK 1 Hazard class for water

Classification according to AwSV, Annex 1

German storage class : 12

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out on the product.

Section: 16. OTHER INFORMATION

Procedure used to derive the classification according to REGULATION (EC) No 1272/2008

Classification	Justification
Not a hazardous substance or mixture.	Calculation method

Full text of H-Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
11004	

H331 Toxic if inhaled. Harmful if inhaled. H332

Full text of other abbreviations

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN -United Nations: vPvB - Very Persistent and Very Bioaccumulative

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Annex: Exposure Scenarios

Exposure Scenario: Oven/Grill Cleaner. Spray and wipe manual process

Life Cycle Stage : Widespread use by professional workers

Product category : **PC35** Washing and cleaning products (including solvent based

products)

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Contributing scenario controlling environmental exposure for:

Environmental release category

ERC8a Wide dispersive indoor use of processing aids in open

systems

Daily amount per site : 7.5 kg

Type of Sewage Treatment

Plant

Municipal sewage treatment plant

Contributing scenario controlling worker exposure for:

Process category : **PROC10** Roller application or brushing

Exposure duration : 480 min

Operational conditions and

risk management measures

Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Respiratory Protection : see section 8

Skin Protection : see section 8

Contributing scenario controlling worker exposure for:

Process category : PROC11 Non industrial spraying

Exposure duration : 60 min

Operational conditions and

risk management measures

: Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Skin Protection : see section 8

Respiratory Protection : see section 8

Exposure Scenario: Oven/Grill Cleaner. Spray and wipe manual process

Life Cycle Stage : Widespread use by professional workers

Product category : **PC35** Washing and cleaning products (including solvent based

products)

Contributing scenario controlling environmental exposure for:

Environmental release

category

ERC8a Wide dispersive indoor use of processing aids in open

systems

Daily amount per site : 7.5 kg

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Type of Sewage Treatment

Plant

: Municipal sewage treatment plant

Contributing scenario controlling worker exposure for:

Process category : **PROC10** Roller application or brushing

Exposure duration : 480 min

Operational conditions and

risk management measures

: Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Respiratory Protection : see section 8

Skin Protection : see section 8

Contributing scenario controlling worker exposure for:

Process category : **PROC11** Non industrial spraying

Exposure duration : 60 min

Operational conditions and

risk management measures

Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Skin Protection : see section 8

Respiratory Protection : see section 8

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