

**MAXX Forte2****Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product name : MAXX Forte2

UFI : A0FF-R8X7-RA0H-PCNQ

Product code : 116323E

Use of the Substance/Mixture : Floor Stripper

Substance type: : Mixture

**For professional users only.**

Product dilution information : No dilution information provided.

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

Identified uses : Floor stripper. Manual process  
Floor stripper. Semi-Automatic process

Recommended restrictions on use : Reserved for industrial and professional use.

**1.3 Details of the supplier of the safety data sheet**

Company : Ecolab Limited  
Forest Park  
Mullingar Industrial Estate, Mullingar Co. Westmeath Ireland +353  
1 276 3500  
infoireland@ecolab.com

Ecolab Ltd.  
PO Box 11; Winnington Avenue  
Northwich, Cheshire, United Kingdom CW8 4DX  
+353 (0)1 276 3500  
ccs@ecolab.com

**1.4 Emergency telephone number**

Poison Information Centre telephone number : Poisons Information: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166)

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Version : 3.1

**Section: 2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

**SAFETY DATA SHEET** according to Regulation (EC) No. 1907/2006**MAXX Forte2****Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**Additional Labelling:**

Special labelling of certain mixtures : Contains: Dipentene, May produce an allergic reaction.

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.	Classification REGULATION (EC) No 1272/2008	Concentration : [%]
Dipropylene glycol methyl ether	34590-94-8 252-104-2 01-2119450011-60	Chronic aquatic toxicity Category 3; H412	>= 5 - < 10
Sodium p-cumenesulphonate	15763-76-5 239-854-6 01-2119489411-37	Eye irritation Category 2; H319	>= 2.5 - < 5
diphosphoric acid, tetrapotassium salt	7320-34-5 230-785-7 01-2119489369-18	Eye irritation Category 2; H319	>= 1 - < 2.5
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 01-2119475104-44	Eye irritation Category 2; H319	>= 1 - < 2.5
Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether	146340-16-1 POLYMER	Skin irritation Category 2; H315 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 3; H412	>= 1 - < 2.5
Dipentene	138-86-3 205-341-0 REACH EXEMPTED	Nota C Flammable liquids Category 3; H226 Skin irritation Category 2; H315 Skin sensitization Category 1; H317 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 1; H410 Aspiration hazard Category 1; H304	>= 0.1 - < 0.25

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**

**MAXX Forte2**

- |                         |                                                         |
|-------------------------|---------------------------------------------------------|
| 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 | : No specific measures identified. |
|-----------|------------------------------------|

**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:<br>Carbon oxides<br>Sulphur oxides<br>metal oxides<br>Hydrogen halides |

**5.3 Advice for firefighters**

- |                                               |                                                                                                                     |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Special protective equipment for firefighters | : Use personal protective equipment.                                                                                |
| Further information                           | : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

**Section: 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

- |                                    |                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice for non-emergency personnel | : 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**

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Environmental precautions : No special environmental precautions required.

**6.3 Methods and materials for containment and cleaning up**

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

**Section: 7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Advice on safe handling : Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). 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 : -5 °C to 40 °C

**7.3 Specific end uses**

Specific use(s) : Floor stripper. Manual process  
Floor stripper. Semi-Automatic 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
Dipropylene glycol methyl ether	34590-94-8	OELV - 8 hrs (TWA)	50 ppm 308 mg/m <sup>3</sup>	IR_OEL
Further information	Sk	Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body		
		TWA	50 ppm 308 mg/m <sup>3</sup>	2000/39/EC
Further information	skin	Identifies the possibility of significant uptake through the skin		
		Indicative		

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2-(2-butoxyethoxy)ethanol	112-34-5	OELV - 8 hrs (TWA)	10 ppm 67.5 mg/m3	IR_OEL
Further information	IOEL V	Indicative Occupational Exposure Limit Value		
		OELV - 15 min (STEL)	15 ppm 101.2 mg/m3	IR_OEL
Further information	IOEL V	Indicative Occupational Exposure Limit Value		
ammonium hydroxide	1336-21-6	OELV - 8 hrs (TWA)	20 ppm 14 mg/m3	IR_OEL
Further information	IOEL V	Indicative Occupational Exposure Limit Value		
		OELV - 15 min (STEL)	50 ppm 36 mg/m3	IR_OEL
Further information	IOEL V	Indicative Occupational Exposure Limit Value		

**DNEL**

2-(2-butoxyethoxy)ethanol	:	<p>End Use: Workers Exposure routes: Inhalation Potential health effects: Short-term - local Value: 101.2 mg/m3</p> <p>End Use: Workers Exposure routes: Dermal Potential health effects: Long-term systemic effects Value: 20 mg/kg</p> <p>End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 67.5 mg/m3</p> <p>End Use: Workers Exposure routes: Inhalation Potential health effects: Short-term - local Value: 67.5 mg/m3</p>
phosphoric acid, monopotassium salt	:	<p>End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 4.07 mg/m3</p>

**PNEC**

2-(2-butoxyethoxy)ethanol	:	<p>Fresh water Value: 1 mg/l</p> <p>Marine water Value: 0.1 mg/l</p> <p>Intermittent use/release Value: 3.9 mg/l</p> <p>Sewage treatment plant Value: 200 mg/l</p> <p>Sediment</p>
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		Value: 4 mg/kg  Soil Value: 0.4 mg/kg  Oral Value: 56 mg/kg
phosphoric acid, monopotassium salt	:	Fresh water Value: 0.05 mg/l  Marine water Value: 0.005 mg/l  Intermittent use/release Value: 0.5 mg/l  Sewage treatment plant Value: 50 mg/l

**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

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Colour	: clear, colourless
Odour	: ammoniacal
pH	: 10.1 - 10.5, 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 potential	: not applicable
Shape	: not applicable
Crystallinity	: not applicable
Surface treatment /Coatings	: not applicable
Flash point	: Not applicable.
Odour Threshold	: Not applicable and/or not determined for the mixture
Melting point/freezing point	: Not applicable and/or not determined for the mixture
Boiling point, initial boiling point and boiling range	: > 100 °C
Evaporation rate	: Not applicable and/or not determined for the mixture
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	: Not applicable and/or not determined for the mixture
Density and / or relative density	: 1.035 - 1.045
Water solubility	: soluble
Solubility in other solvents	: Not applicable and/or not determined for the mixture
Partition coefficient: n-octanol/water (log value)	: Not applicable and/or not determined for the mixture
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**

**MAXX Forte2**

**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**

Noble metals

**10.6 Hazardous decomposition products**

Depending on combustion properties, decomposition products may include following materials:

Carbon oxides  
Sulphur oxides  
metal oxides  
Hydrogen halides

**Section: 11. TOXICOLOGICAL INFORMATION**

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

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

**Product**

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

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

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.



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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 : Dipropylene glycol methyl ether LD50 rat: > 5,000 mg/kg  
Sodium p-cumenesulphonate LD50 rat: > 7,000 mg/kg  
diphosphoric acid, tetrapotassium salt LD50 rat: > 2,000 mg/kg  
2-(2-butoxyethoxy)ethanol LD50 rat: 3,306 mg/kg  
Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether  
LD50 rat: > 2,000 mg/kg  
Dipentene LD50 rat: 4,400 mg/kg  
Test substance: Information given is based on data obtained from  
similar substances.

**Components**

Acute dermal toxicity : Dipropylene glycol methyl ether LD50 rabbit: > 9,500 mg/kg  
2-(2-butoxyethoxy)ethanol LD50 rabbit: 2,764 mg/kg  
Dipentene LD50 rabbit: > 5,000 mg/kg  
Test substance: Information given is based on data obtained from  
similar substances.

**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**

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**Further information** : no data available

**Section: 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

**Environmental Effects** : This product has no known ecotoxicological effects.

**Product**

**Toxicity to fish** : no data available

**Toxicity to daphnia and other aquatic invertebrates** : no data available

**Toxicity to algae** : no data available

**Components**

**Toxicity to fish** : Dipropylene glycol methyl ether  
96 h LC50 *Poecilia reticulata* (guppy): > 100 mg/l

Sodium p-cumenesulphonate  
96 h LC50 *Oncorhynchus mykiss* (rainbow trout): > 1,000 mg/l

2-(2-butoxyethoxy)ethanol  
96 h LC50 Fish: 1,300 mg/l

Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether  
LC50 *Leuciscus idus* (Golden orfe): 0.6 mg/l

Dipentene  
96 h LC50 *Danio rerio* (zebra fish): 0.805 mg/l  
Test substance: Information given is based on data obtained from similar substances.

**Components**

**Toxicity to daphnia and other aquatic invertebrates** : Dipropylene glycol methyl ether  
48 h LC50 *Daphnia magna* (Water flea): 1,919 mg/l

diphosphoric acid, tetrapotassium salt  
48 h EC50 *Daphnia*: > 100 mg/l

Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether  
LC50: 1.2 mg/l

Dipentene  
48 h EC50 *Daphnia magna* (Water flea): 0.634 mg/l  
Test substance: Information given is based on data obtained from similar substances.

**Components**

**Toxicity to algae** : Dipropylene glycol methyl ether  
72 h EC50 *Pseudokirchneriella subcapitata* (green algae): > 969 mg/l

Sodium p-cumenesulphonate  
96 h EC50 *Pseudokirchneriella subcapitata* (algae): > 230 mg/l

Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether  
96 h NOEC *Desmodesmus subspicatus* (green algae): 0.3 mg/l

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Dipentene

72 h EC50 *Pseudokirchneriella subcapitata* (algae): 0.692 mg/l

Test substance: Information given is based on data obtained from similar substances.

**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 : Dipropylene glycol methyl ether  
Result: Readily biodegradable.

Sodium p-cumenesulphonate  
Result: Readily biodegradable.

diphosphoric acid, tetrapotassium salt  
Result: Not applicable - inorganic

2-(2-butoxyethoxy)ethanol  
Result: Readily biodegradable.

Alcohols, C12-18, ethers with polyethylene glycol mono-Bu ether  
Result: Readily biodegradable.

Dipentene  
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**

**MAXX Forte2**

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**

- |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                           | : Diluted product can be flushed to sanitary sewer if regulations permit.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Contaminated packaging            | : Dispose of in accordance with local, state, and federal regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Guidance for Waste Code selection | : Organic wastes containing not dangerous substances with concentration $\geq 0.1\%$ . 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 number       | : Not dangerous goods |
| 14.2 UN proper shipping name      | : Not dangerous goods |
| 14.3 Transport hazard class(es)   | : Not dangerous goods |
| 14.4 Packing group                | : Not dangerous goods |
| 14.5 Environmental hazards        | : Not dangerous goods |
| 14.6 Special precautions for user | : Not dangerous goods |

**Air transport (IATA)**

- |                                   |                       |
|-----------------------------------|-----------------------|
| 14.1 UN number or ID number       | : Not dangerous goods |
| 14.2 UN proper shipping name      | : Not dangerous goods |
| 14.3 Transport hazard class(es)   | : Not dangerous goods |
| 14.4 Packing group                | : Not dangerous goods |
| 14.5 Environmental hazards        | : Not dangerous goods |
| 14.6 Special precautions for user | : Not dangerous goods |

**Sea transport (IMDG/IMO)**

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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 : Not dangerous goods  
14.5 Environmental hazards : Not dangerous goods  
14.6 Special precautions for : Not dangerous goods  
user  
14.7 Maritime transport in : Not dangerous goods  
bulk according to IMO  
instruments

**Section: 15. REGULATORY INFORMATION**

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

according to Detergents : less than 5 %: Phosphates, Anionic surfactants, Non-ionic  
Regulation EC 648/2004 surfactants  
Other constituents: Perfumes  
Preservation agents:  
2-phenoxyethanol

Seveso III: Directive : Not applicable.  
2012/18/EU of the European  
Parliament and of the Council  
on the control of major-  
accident 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.**

Other regulations : Safety, Health and Welfare at Work Act, 2005  
European Communities (Classification, Packaging, Labelling and  
Notification of Dangerous Preparations) Regulations 1995. (S.I.  
272 of 1995) as amended

**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**

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.

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H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Full text of other abbreviations**

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; AIIIC - 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**

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**Exposure Scenario: Floor stripper. 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

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 : **PROC8a** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities

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: Floor stripper. Semi-Automatic process**

Life Cycle Stage : Widespread use by professional workers

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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

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 : **PROC8a** Transfer of substance or preparation (charging/ discharging) from/ to vessels/ large containers at non-dedicated facilities

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