CID LINES D 300

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II) Revision date: 07/04/2022 Supersedes version of: 28/02/2018 Version: 3.01

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

1.1. Product identifier

Product form	: Mixture
Product name	: D 300
Product code	: 453
Type of product	: Detergent
Product group	: Cleaning product.

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

1.2.1. Relevant identified uses

Main use category Use of the substance/mixture Professional use
 See product bulletin for detailed information.
 Vehicle cleaning/vehicle care product

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CID LINES N.V. Waterpoortstraat, 2 BE– B-8900 leper Belgique T + 32 57 21 78 77 - F +32 57 21 78 79 sds@cidlines.com - http://www.cidlines.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Australia	Poisons Information Centre		13 11 26	
New Zealand	The National Poisons Centre	University of Otago, 2nd Floor, Adams Building, 18 Frederick Street, 9016 Dunedin	0800 764 766 0800 POISON	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
USA	American Association of Poison Control Centers		1-800-222-1222	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1

Full text of H- and EUH-statements: see section 16

H318

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements	
Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	GHS05
Signal word (CLP)	: Danger
Hazard statements (CLP)	: H318 - Causes serious eye damage.
Precautionary statements (CLP)	 P102 - Keep out of reach of children. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician.
2.3. Other hazards	

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-butoxyethanol	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108- 36	5 – 15	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315
Guerbetalcohol, 6-8 EO	CAS-No.: 160875-66-1 REACH-no: 02-2119552461- 55	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Ethanediol	CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 REACH-no: 01-2119456816- 28	1 – 5	Acute Tox. 4 (Oral), H302
2-aminoethanol	CAS-No.: 141-43-5 EC-No.: 205-483-3 EC Index-No.: 603-030-00-8 REACH-no: 01-2119486455- 28	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335
Citric acid monohydrate	CAS-No.: 5949-29-1 EC-No.: 201-069-1 REACH-no: 01-2119457026- 42	1 – 5	Eye Irrit. 2, H319

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Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Allow affected person to breathe fresh air.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.
4.2. Most important symptoms and effects,	both acute and delayed
Symptoms/effects after inhalation	: No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of inhalation exposure.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Redness, pain. Blurred vision. Tears.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Dry chemical. Foam. Carbon dioxide.	
5.2. Special hazards arising from the subs	tance or mixture	
Fire hazard Explosion hazard Reactivity in case of fire Hazardous decomposition products in case of fire	 Not flammable. Not expected to be a fire/explosion hazard under normal conditions of use. At high temperature may liberate dangerous gases. Toxic fumes may be released. 	
5.3. Advice for firefighters		
Precautionary measures fire Firefighting instructions Protection during firefighting Other information	 Wear fire/flame resistant/retardant clothing. Eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Heat resistant gloves. On exposure to high temperature, may decompose, releasing toxic gases. 	

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective equipment and emergency procedures			
General measures	Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Stop leak if safe to do so. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.		
6.1.1. For non-emergency personnel			
Protective equipment	 Avoid all unnecessary exposure. Wear suitable protective clothing. Ensure adequate ventilation. Do not breathe vapours. 		
Emergency procedures	: Do not touch or walk on the spilled product. Evacuate area. Do not breathe vapours. Avoid contact with skin, eyes and clothing.		

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6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Do not touch spilled material. Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up		
For containment Methods for cleaning up	Stop leak without risks if possible. Collect spillage. Use suitable disposal containers.Clean up any spills as soon as possible, using an absorbent material to collect it.	

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling Hygiene measures	 When handling product, avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe vapour/aerosol. Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures. 	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	 Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Protect from freezing. Germany: Storage class (LGK): 8B - Non-combustible corrosive substances. 	
7.3. Specific end use(s)		

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

2-butoxyethanol (111-76-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	2-Butoxyethanol	
IOEL TWA	98 mg/m³	
IOEL TWA [ppm]	20 ppm	
IOEL STEL	246 mg/m ³	
IOEL STEL [ppm]	50 ppm	
Remark	Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
United Kingdom - Occupational Exposure Limits		
Local name	2-Butoxyethanol	
WEL TWA (OEL TWA) [1]	123 mg/m³	

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According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

2-butoxyethanol (111-76-2)		
WEL TWA (OEL TWA) [2]	25 ppm	
WEL STEL (OEL STEL)	246 mg/m ³	
WEL STEL (OEL STEL) [ppm]	50 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Third edition, 2018). HSE	
2-aminoethanol (141-43-5)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	2-Aminoethanol	
IOEL TWA	2.5 mg/m³	
IOEL TWA [ppm]	1 ppm	
IOEL STEL	7.6 mg/m³	
IOEL STEL [ppm]	3 ppm	
Remark	skin	
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC	
United Kingdom - Occupational Exposure Limits		
Local name	2-Aminoethanol	
WEL TWA (OEL TWA) [1]	2.5 mg/m³	
WEL TWA (OEL TWA) [2]	1 ppm	
WEL STEL (OEL STEL)	7.6 mg/m³	
WEL STEL (OEL STEL) [ppm]	3 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Third edition, 2018). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

2-butoxyethanol (111-76-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	89 mg/kg bodyweight/day
Acute - systemic effects, inhalation	663 mg/m³
Long-term - systemic effects, dermal	75 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	98 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal 44.5 mg/kg bodyweight	
Acute - systemic effects, inhalation	426 mg/m ³
Acute - systemic effects, oral	13.4 mg/kg bodyweight

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According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

2-butoxyethanol (111-76-2)		
Long-term - systemic effects,oral	3.2 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	49 mg/m³	
Long-term - systemic effects, dermal	38 mg/kg bodyweight/day	
Long-term - local effects, inhalation	123 mg/m ³	
PNEC (Water)		
PNEC aqua (freshwater)	8.8 mg/l assessment factor: 10	
PNEC aqua (marine water)	0.88 mg/l assessment factor: 100	
PNEC aqua (intermittent, freshwater)	9.1 mg/l assessment factor: 100	
PNEC (Sediment)	·	
PNEC sediment (freshwater)	34.6 mg/kg dwt	
PNEC sediment (marine water)	3.46 mg/kg dwt	
PNEC (Soil)		
PNEC soil	3.13 mg/kg dwt	
PNEC (Oral)		
PNEC oral (secondary poisoning)	0.00002 kg/kg food	
PNEC (STP)		
PNEC sewage treatment plant	463 mg/l assessment factor: 1	
·		

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Wear security glasses which protect from splashes. Safety glasses with side shields

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses, Face shield	Droplet	Clear, Plastic.	EN 166

8.2.2.2. Skin protection

Skin and body protection: Not required.

Hand protection:

Wear suitable gloves resistant to chemical penetration

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Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Polyvinylchloride (PVC)	6 (> 480 minutes)	0.5	2 (< 1.5)	EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

No special protection required where adequate ventilation is maintained.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Consumer exposure controls:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour: light yellow. light green.Odour: Solvent.Odour threshold: The product has not been testedMelting point: -10 °CBoiling point: 1 The product has not been testedFreezing point: -10 °CBoiling point: Not applicableNot applicableNot applicableNot applicableNot availableExplosive properties: Not availableLower explosion limit: Not availableLower explosion limit: Not availablePlash point: > 60 °CAuto-ignition temperature: The product has not been testedpH: ≈ 10.5 (100%)Viscosity, kinematic: Not availableSolubility: Soluble in water.Water: 100 %: Ethen: The product has not been testedpH: ≈ 10.5 (100%)Viscosity, kinematic: Not availableSolubility: Soluble in water.Water: 100 %: The product has not been testedPartition coefficient n-octanol/water (Log Kow): The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C: The product has not been testedVapour pressure at 50 °C<	Physical state	: Liquid
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Particle addiomeration state Not applicable		
	Particle agglomeration state	: Not applicable

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Particle specific surface area Particle dustiness	Not applicableNot applicable
9.2. Other information	
9.2.1. Information with regard to physical ha	zard classes
Critical temperature	: The product has not been tested
9.2.2. Other safety characteristics	
Relative evaporation rate (butylacetate=1)	: The product has not been tested
Relative evaporation rate (ether=1)	: The product has not been tested
Relative evaporation rate (water=1)	: The product has not been tested
Relative evaporation rate (ethanol=1)	: The product has not been tested

: 50 g/l

OFOTION 40	01-1-11-1	
SECTION 10:	Stability and	reactivity

10.1. Reactivity

VOC content

None under normal conditions.

10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

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

Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified : Not classified : Not classified	
2-butoxyethanol (111-76-2)		
LD50 oral rat	> 400 mg/kg	
LD50 dermal rat	2270 mg/kg	
LC50 Inhalation - Rat	> 2 mg/l	
Guerbetalcohol, 6-8 EO (160875-66-1)		
LD50 oral rat	> 500 mg/kg	
Skin corrosion/irritation	: Not classified pH: ≈ 10.5 (100%)	
Serious eye damage/irritation	: Causes serious eye damage. pH: ≈ 10.5 (100%)	
Respiratory or skin sensitisation	: Not classified	
Germ cell mutagenicity	: Not classified	

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
2-aminoethanol (141-43-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Aspiration hazard	: Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : Not classified (acute)		
Hazardous to the aquatic environment, long-term : (chronic)	Not classified	
2-butoxyethanol (111-76-2)		
LC50 - Fish [1]	1700 mg/l	
EC50 - Crustacea [1]	> 1500 mg/l	
Guerbetalcohol, 6-8 EO (160875-66-1)		
EC50 - Crustacea [1]	10 – 100 mg/l 48h	
EC50 - Other aquatic organisms [1]	10 – 100 mg/l 72h	
12.2. Persistence and degradability		
D 300		
Persistence and degradability	Biodegradable. The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.	
12.3. Bioaccumulative potential		
D 300		
Partition coefficient n-octanol/water (Log Pow)	The product has not been tested	
Partition coefficient n-octanol/water (Log Kow)	The product has not been tested	
2-butoxyethanol (111-76-2)		
Partition coefficient n-octanol/water (Log Pow)	0.81	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
12.3. Results of FDT and VFVD assessment		
No additional information available		
No additional information available		
No additional information available 12.6. Endocrine disrupting properties		

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.	
Waste treatment methods	Dispose of this material and its container at hazardous or special waste collection point Hazardous waste due to toxicity. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.	
Sewage disposal recommendations	: Disposal must be done according to official regulations.	
Product/Packaging disposal recommendations	: When totally empty, containers are recyclable like any other packing. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment	
European List of Waste (LoW) code	: 07 06 01* - aqueous washing liquids and mother liquors	

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	: Not applicable
IMDG Transport hazard class(es) (IMDG)	: Not applicable
IATA Transport hazard class(es) (IATA)	: Not applicable
ADN Transport hazard class(es) (ADN)	: Not applicable
RID Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	 Not applicable Not applicable Not applicable Not applicable Not applicable
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	:No :No :Clean up even minor leaks or spills, if possible, without unnecessary risk

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

14.6. Special precautions for user	
Special transport precautions	: Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency, No naked flames, sparks, and do not smoke, Keep public away from danger area, NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY
Overland transport Not applicable	
Transport by sea Not applicable	
Air transport Not applicable	
Inland waterway transport Not applicable	
Rail transport Not applicable	
14.7. Maritime transport in bulk according t	to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

: 50 g/l

15.1.2. National regulations

VOC content

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information

: DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

SDSCLP3

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.