

SAFETY DATA SHEET

GRAFFI CLEAN 300 (NMP FREE)

Page: 1

Compilation date: 26/06/2015

Revision date: 26/06/2015

Revision No: 2

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

1.1. Product identifier

Product name: GRAFFI CLEAN 300 (NMP FREE)

Product code: 580

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: Tensid UK Ltd
Unit 1 Carven Court
Canada Road
Byfleet
Surrey
KT14 7JI
United Kingdom

Tel: +44 (0)1932 564 133

Fax: +44 (0)1932 562 046

Email: info@tensid.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1932 564 133

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P264: Wash hands thoroughly after handling.

SAFETY DATA SHEET

GRAFFI CLEAN 300 (NMP FREE)

Page: 2

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

P332+313: If skin irritation occurs: Get medical advice.

P362: Take off contaminated clothing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DIMETHYL GLUTARATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
214-277-2	1119-40-0	Substance with a Community workplace exposure limit.	-	30-50%

DIPROPYLENE GLYCOL DIMETHYL ETHER

404-640-5	111109-77-4	Substance with a Community workplace exposure limit.	-	1-10%
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3-BUTOXYPROPAN-2-OL

225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
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DIMETHYL ADIPATE

211-020-6	627-93-0	Substance with a Community workplace exposure limit.	-	1-10%
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DIMETHYL SUCCINATE

203-419-9	106-65-0	-	Eye Irrit. 2: H319	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

Eye contact: Bathe the eye with running water for 15 minutes. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Seek medical attention if irritation persists.

Inhalation: No specific first aid measures noted.

[cont...]

SAFETY DATA SHEET
GRAFFI CLEAN 300 (NMP FREE)

Page: 3

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Prevent discharge of larger quantity to drain. Packaging should be recycled after residual emptying; minor product residues may be rinsed out. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Minor spillage should be wiped away or flushed away with water. Large quantities should be collected for incineration in accordance with the local regulations. In case of spills, beware of slippery floors and surfaces. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

Section 7: Handling and storage

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SAFETY DATA SHEET
GRAFFI CLEAN 300 (NMP FREE)

Page: 4

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DIMETHYL GLUTARATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 ppm 33 mg/m ³	-	-	-

DIPROPYLENE GLYCOL DIMETHYL ETHER

EU	20 ppm	-	-	-
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DIMETHYL ADIPATE

EU	5ppm 36 mg/m ³	-	-	-
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DIMETHYL SUCCINATE

EU	5ppm 36 mg/m ³	-	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Straw

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

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SAFETY DATA SHEET
GRAFFI CLEAN 300 (NMP FREE)

Page: 5

Solubility in water: Miscible
Viscosity: Viscous
Kinematic viscosity: 9000
Viscosity test method: ASTM D2196
Boiling point/range°C: No data available. **Melting point/range°C:** No data available.
Flammability limits %: lower: No data available. **upper:** No data available.
Flash point°C: No data available. **Part.coeff. n-octanol/water:** No data available.
Autoflammability°C: No data available. **Vapour pressure:** No data available.
Relative density: 1.0-1.03 **pH:** No data available.
VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DIMETHYL GLUTARATE

ORAL	RAT	LD50	>5000	mg/kg
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SAFETY DATA SHEET
GRAFFI CLEAN 300 (NMP FREE)

Page: 6

DIPROPYLENE GLYCOL DIMETHYL ETHER

ORAL	RAT	LD50	3300	mg/kg
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3-BUTOXYPROPAN-2-OL

SKN	RBT	LD50	3100	mg/kg
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DIMETHYL ADIPATE

ORAL	RAT	LD50	>7500	mg/kg
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DIMETHYL SUCCINATE

ORAL	RAT	LD50	>5000	mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DIPROPYLENE GLYCOL DIMETHYL ETHER

DAPHNIA	48H EC50	>1000	mg/l
FISH	96H LC50	>1000	mg/l

12.2. Persistence and degradability

Persistence and degradability: All ingredients in this formulation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. Greater than 80% biodegradable according to method OECD 301.

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SAFETY DATA SHEET
GRAFFI CLEAN 300 (NMP FREE)

Page: 7

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of waste and residues in accordance with local authority requirements.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.