

MAX 20

Page: 1

Compilation date: 18/05/2015

Revision date: 04/09/2015

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: MAX 20

Product code: F-133

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 / Supplier:**

Universal Solutions

P.O. Box 936225

Margate, FL 33063

Tel: (800) 587-1894

Fax: (954) 604-4865

1.4. Emergency telephone number

Emergency tel: +44 (0)208 804 1891

(office hours only)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements**Label elements:****Hazard statements:** H319: Causes serious eye irritation.**Signal words:** Warning**Hazard pictograms:** GHS07: Exclamation mark**Precautionary statements:** P280: Wear eye 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.

[cont...]

MAX 20

Page: 2

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:**

SODIUM DODECYLBENZENESULFONATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
246-680-4	25155-30-0	-	Acute Tox. 4: H302; Eye Irrit. 2: H319; Acute Tox. 4: H312	1-10%

2,2',2"-NITRILOTRIETHANOL

203-049-8	102-71-6	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT RE 2: H373	1-10%
-----------	----------	---	---	-------

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water. If skin irritation persists, consult a doctor.

Eye contact: Remove contact lenses from the eyes before rinsing. Bathe the eye with running water for 15 minutes. Get medical attention if irritation persists.

Ingestion: Wash out mouth with water. Do not induce vomiting. Drink 1 or 2 cups of water. See medical attention if irritation persist.

Inhalation: Move the exposed person to fresh air. Seek medical attention if irritation persist.

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

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be irritation of the throat.

Inhalation: No data available.

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

Immediate / special treatment: Not applicable.

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.

[cont...]

MAX 20

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: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean spillage area thoroughly with plenty of water

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid skin and eye contact. Ensure there is sufficient ventilation of the area. 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)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients: 2,2',2"-NITRILOTRIETHANOL

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	13 mg/m3(Sk)			

MAX 20

Page: 4

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.**Respiratory protection:** Respiratory protection not required.**Hand protection:** Protective gloves.**Eye protection:** Safety glasses. Ensure eye bath is to hand.**Skin protection:** Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid**Colour:** Dark blue**Odour:** Characteristic odour**Evaporation rate:** No data available.**Oxidising:** Non-oxidising (by EC criteria)**Solubility in water:** Soluble**Viscosity:** Non-viscous**Boiling point/range°C:** approx 100**Melting point/range°C:** No data available.**Flammability limits %: lower:** No data available.**upper:** No data available.**Flash point°C:** >93**Part.coeff. n-octanol/water:** No data available.**Autoflammability°C:** No data available.**Vapour pressure:** No data available.**Relative density:** 1.020 - 1.050**pH:** 10.5 - 11.5**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.

Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

MAX 20

Page: 5

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:****2,2',2''-NITRILOTRIETHANOL**

DERMAL	RBT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 4000	mg/kg

Relevant hazards for substance:

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

Symptoms / routes of exposure**Skin contact:** There may be mild irritation at the site of contact.**Eye contact:** There may be irritation and redness. The eyes may water profusely.**Ingestion:** There may be irritation of the throat.**Inhalation:** No data available.**Section 12: Ecological information****12.1. Toxicity****Hazardous ingredients:****2,2',2''-NITRILOTRIETHANOL**

ALGAE	72H ErC50	> 100	mg/l
BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	> 100	mg/l
Daphnia magna	48H EC50	> 100	mg/l

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable. All ingredients in this formulation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Greater than 80% biodegradable according to method OECD 301.

[cont...]

MAX 20

Page: 6

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations**13.1. Waste treatment methods**

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**

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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: H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

[cont...]

MAX 20

Page: 7

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.