

SAFETY DATA SHEET**Just the tonic - Autobrite Direct****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Just the tonic - Autobrite Direct

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

Identified uses Tar, Glue & Bitumen Remover

Uses advised against This product is not recommended for any other purpose than stated above.

1.3. Details of the supplier of the safety data sheet

Supplier Autobrite Direct Limited
Unit 802, Centre 500
Lowfield Drive
Wolstanton
Newcastle-Under-Lyme
Staffordshire
ST5 0UU
01782 623819
autobritedirect@gmail.com

1.4. Emergency telephone number

Emergency telephone As Above - Opening Hours 9 am - 4 pm (Monday - Friday)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Flam. Liq. 3 - H226

Health hazards

Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304

Environmental hazards

Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)

Xn; R65, R20. Xi; R36/38. N; R51/53

2.2. Label elements**Pictogram****Signal word**

Danger

Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260 Do not breathe vapour/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P331 Do NOT induce vomiting.
 P501 Dispose of contents/container in accordance with national regulations.

Contains

Naphtha (petroleum), Hydrodesulfurized Heavy, XYLENE, 2-Butoxyethanol

Supplementary precautionary statements

P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 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.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P314 Get medical advice/attention if you feel unwell.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|--|--|---------|
| Naphtha (petroleum), Hydrodesulfurized Heavy | | 60-100% |
| CAS number: 64742-82-1 EC number: 265-185-4 | | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 3 - H226 | Xn;R65. N;R51/53. R10,R66. | |
| STOT SE 3 - H336 | | |
| STOT RE 1 - H372 | | |
| Asp. Tox. 1 - H304 | | |
| Aquatic Chronic 2 - H411 | | |

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| | |
|---|--|
| XYLENE 10-30% | |
| CAS number: 1330-20-7 EC number: 215-535-7 REACH registration number: 01-2119488216-32 | |
| Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 | Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21 Xi;R38 |
| 2-Butoxyethanol 10-30% | |
| CAS number: 111-76-2 EC number: 203-905-0 | |
| Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 | Classification (67/548/EEC or 1999/45/EC) Xn;R20/21/22 Xi;R36/38 |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Immediately remove any clothing soiled by the product.

Inhalation

Supply fresh air; consult doctor in case of complaints.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

Difficulty in breathing. Headache. Coughing, chest tightness, feeling of chest pressure. Nausea, vomiting.

Ingestion

May cause stomach pain or vomiting. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with the following media: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Foam.

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Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Fire creates: Carbon monoxide (CO). Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition.

6.2. Environmental precautions

Environmental precautions

Avoid the spillage or runoff entering drains, sewers or watercourses. If substance has entered a water course or sewer or contaminated soil or vegetation, advise the appropriate authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Do not use sawdust or other combustible material. Contain and absorb spillage with sand, earth or other non-combustible material. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Container must be kept tightly closed when not in use. Ensure adequate ventilation of the working area. Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Protect from heat.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Avoid contact with oxidising agents. Avoid acids. Keep container tightly closed. Avoid direct sunlight. Do not store near heat sources or expose to high temperatures.

Storage class

Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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Occupational exposure limits

Naphtha (petroleum), Hydrodesulfurized Heavy

Short-term exposure limit (15-minute): WEL 100 ppm 442 mg/m³

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m³(Sk)

2-Butoxyethanol

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk) 123 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 246 mg/m³(Sk)

WEL = Workplace Exposure Limit

Naphtha (petroleum), Hydrodesulfurized Heavy (CAS: 64742-82-1)

DNEL

Industry - Dermal; Long term systemic effects: 44 mg/kg/day

The lists valid during the making were used as basis.

Industry - Inhalation; Long term systemic effects: 330 mg/m³

Consumer - Dermal; Long term systemic effects: 26 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 71 mg/m³

Consumer - Oral; Long term systemic effects: 26 mg/kg/day

XYLENE (CAS: 1330-20-7)

DNEL

Consumer - Dermal; Long term systemic effects: 108 mg/kg/day

Industry - Dermal; Long term systemic effects: 180 mg/kg/day

Consumer - Inhalation; Short term local effects: 174 mg/m³

Consumer - Inhalation; Short term systemic effects: 174 mg/m³

Industry - Inhalation; Short term systemic effects: 289 mg/m³

Industry - Inhalation; Short term local effects: 289 mg/m³

Consumer - Inhalation; Long term systemic effects: 14.8 mg/m³

Industry - Inhalation; Long term systemic effects: 77 mg/m³

2-Butoxyethanol (CAS: 111-76-2)

DNEL

Consumer - Oral; Long term systemic effects: 3.2 mg/kg/day

Worker Inhalation Long Term Systemic Effects 98 mg/m³

Consumer - Dermal; Short term systemic effects: 44.5 mg/kg/day

Industry - Dermal; Short term systemic effects: 89 mg/kg/day

Consumer - Dermal; Long term systemic effects: 38 mg/kg/day

Industry - Dermal; Long term systemic effects: 75 mg/kg/day

Consumer - Inhalation; Short term local effects: 123 mg/m³

Consumer - Inhalation; Short term systemic effects: 426 mg/m³

Industry - Inhalation; Short term systemic effects: 246 mg/m³

Consumer - Inhalation; Long term systemic effects: 49 mg/m³

PNEC

- Fresh water; 8.8 mg/l

- Sediment (Freshwater); 34.6 mg/kg

- Sediment (Marinewater); 3.46 mg/kg

- Marine water; 0.88 mg/l

- STP; 463 mg/l

- Soil; 2.8 mg/kg

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear tightly sealed goggles

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Hand protection

Impermeable material. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Suitable gloves:

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Hygiene measures

Based on and limited to our experience of this product, the following special advice is believed to provide satisfactory protection for the industrial user or handler. The choice of suitable protective equipment depends on work conditions and what methods are used for handling the substance. This advice is not a substitute for each Company conducting their own Risk/COSHH Assessments, but is provided as general guidance. Do not smoke in the work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use barrier cream to prevent drying of skin. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection

Use suitable respiratory protective device in case of insufficient ventilation. In confined or poorly ventilated areas suitable respiratory protection should be used if exposed to high levels of spray or mist.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Green.

Odour

Characteristic.

Flash point

~27°C

Relative density

~ 0.8

Solubility(ies)

Insoluble in water.

9.2. Other information

Other information

No relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not applicable. No potentially hazardous reactions known.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

Alkalis and Peroxides Strong acids.

10.6. Hazardous decomposition products

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Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity - oral**

ATE oral (mg/kg)

4,944.62025316

Acute toxicity - dermal

ATE dermal (mg/kg)

10878.16455696

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l)

4.73036897

Route of entry

Inhalation Ingestion. Skin and/or eye contact Refer to Section 4 of SDS for routes of exposure and corresponding symptoms.

Target organs

Respiratory system, lungs

Medical symptoms

Irritation of eyes and mucous membranes. Skin irritation.

Medical considerations

Skin disorders and allergies.

Toxicological information on ingredients.

Just the tonic - Autobrite Direct**Naphtha (petroleum), Hydrodesulfurized Heavy****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

15,000.0

Species

Rat

ATE oral (mg/kg)

15,000.0

Acute toxicity - dermal**Acute toxicity dermal (LD₅₀ mg/kg)**

3400.0

Species

Rat

ATE dermal (mg/kg)

3400.0

Acute toxicity - inhalation**Acute toxicity inhalation (LC₅₀ vapours mg/l)**

13100.0

Species

Rat

ATE inhalation (vapours mg/l)

13100.0

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

Harmful: may cause lung damage if swallowed.

Skin contact

Prolonged skin contact may defat the skin and produce dermatitis.

Eye contact

Vapour or spray in the eyes may cause irritation and smarting.

Route of entry

Inhalation Ingestion. Skin and/or eye contact Refer to Section 4 of SDS for routes of exposure and corresponding symptoms.

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XYLENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

4,300.0

Species

Rat

ATE oral (mg/kg)

4,300.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

3200.0

Species

Rabbit

ATE dermal (mg/kg)

3200.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l)

21.7

Species

Rat

ATE inhalation (dusts/mists mg/l)

1.5

Skin contact

Irritant to skin and mucous membranes.

Eye contact

No irritating effect.

Just the tonic - Autobrite Direct**2-Butoxyethanol****Acute toxicity - oral****Acute toxicity oral (LD₅₀ mg/kg)**

1,300

Species

Rat

Acute toxicity - dermal**Acute toxicity dermal (LD₅₀ mg/kg)**

2000

Species

Guinea pig

Acute toxicity - inhalation**ATE inhalation (dusts/mists mg/l)**

1.5

Skin contact

Irritant to skin and mucous membranes.

Eye contact

Strong irritant with the danger of severe eye injury.

Acute and chronic health hazards

Harmful

Irritant

Route of entry

Skin and/or eye contact Ingestion. Inhalation

SECTION 12: Ecological Information

12.1. Toxicity**Ecological information on ingredients.****Naphtha (petroleum), Hydrodesulfurized Heavy****Acute toxicity - fish**LC₅₀, 96 hours: >1 - <10 mg/l, Fish**Acute toxicity - aquatic invertebrates**EC₅₀, 48 hours: >1 - <10 mg/l, Daphnia magna**XYLENE****Acute toxicity - fish**LC₅₀, 96 hours: 26.7 mg/l, Fish**Acute toxicity - aquatic invertebrates**EC₅₀, 48 hours: 165 mg/l, Daphnia magna**2-Butoxyethanol**

EC 50 (48 u) (static) 1550mg/l (daphnia magna) (water flea, immobilization)

IC 50 >1000 mg/l (Bacteria)

LC 50 (96 u) (static) 1474mg/l (Oncorhynchus mykiss) (rainbow trout)

NOEC >100 mg/l (Zebra fish) (Danio rerio, semi-static test, 21 d)

100 mg/l (daphnia magna) (semi-static test, 21 d, reproduction)

12.2. Persistence and degradability

Just the tonic - Autobrite Direct**Ecological information on ingredients.****Naphtha (petroleum), Hydrodesulfurized Heavy****Persistence and degradability**

No further relevant information available. The product is readily biodegradable.

XYLENE**Persistence and degradability**

No further relevant information available. The product is biodegradable.

2-Butoxyethanol**Persistence and degradability**

The product is easily biodegradable. Degree of elimination:
OECD 301B 90.4% (/) (28d)

12.3. Bioaccumulative potential**Ecological information on ingredients.****Naphtha (petroleum), Hydrodesulfurized Heavy**

May be accumulated in organism

XYLENE

BCF: 25.9,

2-Butoxyethanol

Not worth-mentioning accumulating in organisms : < 100 (/),

12.4. Mobility in soil**Ecological information on ingredients.****Naphtha (petroleum), Hydrodesulfurized Heavy****Mobility**

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

XYLENE**Mobility**

The product evaporates readily. Floats on water.

2-Butoxyethanol**Adsorption/desorption coefficient**

Soil - Koc: 50-180 @ °C

12.5. Results of PBT and vPvB assessment**Ecological information on ingredients.****Naphtha (petroleum), Hydrodesulfurized Heavy**

Not applicable

XYLENE

Not applicable

2-Butoxyethanol

Not applicable

12.6. Other adverse effects

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Ecological information on ingredients.

Naphtha (petroleum), Hydrodesulfurized Heavy

Not applicable.

XYLENE

Water hazard class 2 (German Regulation): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities lead into the ground.

2-Butoxyethanol

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The packaging must be empty (drop-free when inverted).

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Packaging: Recover and reclaim or recycle. If practical.

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1993 |
| UN No. (IMDG) | 1993 |
| UN No. (ICAO) | 1993 |
| UN No. (ADN) | 1993 |

14.2. UN proper shipping name

| | |
|--------------------------------|---|
| Proper shipping name (ADR/RID) | FLAMMABLE LIQUID, N.O.S. CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY AND XYLENE |
| Proper shipping name (IMDG) | FLAMMABLE LIQUID, N.O.S. CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY AND XYLENE |
| Proper shipping name (ICAO) | FLAMMABLE LIQUID, N.O.S. CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY AND XYLENE |
| Proper shipping name (ADN) | FLAMMABLE LIQUID, N.O.S. CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY AND XYLENE |

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 3 |
| ADR/RID classification code | F1 |
| ADR/RID label | 3 |
| IMDG class | 3 |
| ICAO class/division | 3 |
| ADN class | 3 |

Transport labels



14.4. Packing group

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ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number 30
(ADR/RID)

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

Water hazard classification

WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**General information**

PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.

Revision date 23/04/2015

Just the tonic - Autobrite Direct**Revision** 3**Risk phrases in full**

R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer

The information provided in this document is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties, accuracy, reliability or completeness. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application by carrying out a full risk assessment of their specific processes and systems of work. All information contained within this document is for the product in its undiluted state and 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.