

Khaki Dirty Down Ageing Spray

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

1.1 - Product identifier

Trade name/designation Khaki Dirty Down Ageing Spray

Chemical name

Product-type Mixture

UFI: 4800-U0RP-T00A-1103

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

Relevant identified uses - Dye

1.3 - Details of the supplier of the safety data sheet

Screen products Ltd,
Lytchett House, 13 Freeland Park,
BH16 6FA Lytchett Matravers, Dorset United Kingdom
Telephone : 0044 7376 722 827
Website www.dirtydown.co.uk
Screen products Ltd: info@screenproducts.co.uk

1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

| | |
|--------------|-----------------------------|
| Aerosol 1 | Aerosol - Category 1 |
| Eye Irrit. 2 | Eye irritation - Category 2 |

2.2 - Label elements

Signal word : Danger

Hazard pictograms



Hazard statements

| | |
|------|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H319 | Causes serious eye irritation. |

Precautionary statements

| | |
|------|--|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing spray/vapours. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear eye protection/face protection/protective clothing/protective gloves. |

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| | |
|-----------|---|
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |
| P501 | Dispose of container/contents to an appropriate recycling or disposal facility in accordance with local regulation. |

EUH-phrases : None

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

| Chemical name | No | % | Class(es) | Specific concentration limit |
|--|---|---------|--|------------------------------|
| ethanol, ethyl alcohol INCI: ALCOHOL | CAS No. : 64-17-5 Index No. : 603-002-00-5 EC No. : 200-578-6 REACH No. : 01-2119457610-43-XXXX | 30 - 60 | Flam. Liq. 2 - H225 | Not applicable |
| propane INCI: PROPANE | CAS No. : 74-98-6 Index No. : 601-003-00-5 EC No. : 200-827-9 | 10 - 30 | Flam. Gas 1 - H220 Press. Gas | Not applicable |
| Butane INCI: BUTANE | CAS No. : 106-97-8 Index No. : 601-004-00-0 EC No. : 203-448-7 | 10 - 30 | Flam. Gas 1 - H220 Press. Gas | Not applicable |
| acetone; propan-2-one; propanone INCI: ACETONE | CAS No. : 67-64-1 Index No. : 606-001-00-8 EC No. : 200-662-2 REACH No. : 01-2119471330-49-XXXX | 5 - 15 | Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336 EUH066 | Not applicable |
| ethyl acetate INCI: ETHYL ACETATE | CAS No. : 141-78-6 Index No. : 607-022-00-5 EC No. : 205-500-4 | < 1 | Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 - H336 EUH066 | Not applicable |

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

- When in doubt or if symptoms are observed, get medical advice.

Following skin contact - After contact with skin, wash immediately with plenty of water and soap.

After eye contact - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion - When in doubt or if symptoms are observed, get medical advice.

- Do NOT induce vomiting.

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

Symptoms and effects - - EffectsAllergic reactions

Following inhalation

Symptoms and effects - - Causes skin irritation.

Following skin contact

- Dryness.

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Symptoms and effects - After eye contact - Causes eye irritation.

- Redness.
- Itching.

Symptoms and effects - After ingestion - No information available.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - Carbon dioxide (CO2)
- Extinguishing powder
- Water spray jet

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - Hazardous combustion products

Hazardous decomposition products - No information available.

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Goggles.
- Remove all sources of ignition.
- Wear protective gloves.
- Use appropriate respiratory protection.

For emergency responders - Remove persons to safety.
- Use personal protection equipment.
- Remove all sources of ignition.
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - Build a dam around the spill to prevent it from spreading to the surrounding area.

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|--|--|
| <u>Methods and material for cleaning up</u> | <ul style="list-style-type: none"> - Soak up inert absorbent and dispose as waste requiring special attention. - Ventilate affected area. - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). |
| <u>Inappropriate techniques</u> | - No information available. |
| 6.4 - Reference to other sections | |
| <ul style="list-style-type: none"> - Disposal: See section 13 - Personal protection equipment: see section 8 - Safe handling: See section 7 | |

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

| | |
|--|--|
| <u>Recommendation</u> | <ul style="list-style-type: none"> - Do not spray on naked flames or any incandescent material. - Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. - Use only in well-ventilated areas. - Vapours can form explosive mixtures with air. |
| <u>Advices on general occupational hygiene</u> | <ul style="list-style-type: none"> - Avoid contact with skin, eyes and clothes. - Wash hands before breaks and after work. - When using do not smoke. - Work in well-ventilated zones or use proper respiratory protection. |

7.2 - Conditions for safe storage, including any incompatibilities

- Ensure adequate ventilation of the storage area.
- Storage class : Flammable liquids
- Protect against:Heat

7.3 - Specific end use(s)

- Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

| ethanol, ethyl alcohol (64-17-5) | |
|---|------------------------|
| TWA EH40 ppm (UK) | 1000 ppm |
| TWA EH40 mg/m ³ (UK) | 1920 mg/m ³ |
| STEL EH40 ppm (UK) | 3000 ppm |
| STEL EH40 mg/m ³ (UK) | 5760 mg/m ³ |
| acetone; propan-2-one; propanone (67-64-1) | |
| TWA EH40 ppm (UK) | 500 ppm |
| TWA EH40 mg/m ³ (UK) | 1210 mg/m ³ |
| STEL EH40 ppm (UK) | 1500 ppm |
| STEL EH40 mg/m ³ (UK) | 3620 mg/m ³ |
| ethyl acetate (141-78-6) | |
| TWA EH40 ppm (UK) | 200 ppm |

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| | |
|----------------------------------|------------------------|
| TWA EH40 mg/m ³ (UK) | 734 mg/m ³ |
| STEL EH40 ppm (UK) | 400 ppm |
| STEL EH40 mg/m ³ (UK) | 1468 mg/m ³ |

| Butane (106-97-8) | |
|----------------------------------|------------------------|
| TWA EH40 ppm (UK) | 1000 ppm |
| TWA EH40 mg/m ³ (UK) | 1750 mg/m ³ |
| STEL EH40 ppm (UK) | 1250 ppm |
| STEL EH40 mg/m ³ (UK) | 2180 mg/m ³ |

- No data available.

DNEL / PNEC

| ethanol, ethyl alcohol (64-17-5) | | | |
|---|-----------------------|-----------|----------|
| Type | Value | User | Effect |
| DNEL long-term oral (repeated) | 87 mg/kg bw/day | Consumers | Systemic |
| DNEL long-term inhalative | 950 mg/m ³ | Workers | Systemic |
| DNEL long-term inhalative | 114 mg/m ³ | Consumers | Systemic |
| DNEL long-term dermal | 343 mg/kg bw/day | Workers | Systemic |

| acetone; propan-2-one; propanone (67-64-1) | | | |
|---|------------------------|-----------|----------|
| Type | Value | User | Effect |
| DNEL long-term oral (repeated) | 62 mg/kg bw/day | Consumers | Systemic |
| DNEL long-term inhalative | 200 mg/m ³ | Consumers | Systemic |
| DNEL long-term inhalative | 2420 mg/m ³ | Workers | Systemic |
| DNEL long-term dermal | 186 mg/kg bw/day | Workers | Systemic |
| PNEC aquatic, freshwater | 10,6 mg/l | | |
| PNEC aquatic, marine water | 1,06 mg/l | | |
| PNEC aquatic, intermittent release | 21 mg/l | | |
| PNEC sediment, freshwater | 30,4 mg/l | | |
| PNEC sediment, marine water | 3,04 mg/l | | |
| PNEC soil | 29,5 mg/l | | |
| PNEC sewage treatment plant (STP) | 100 mg/l | | |

| ethyl acetate (141-78-6) | | | |
|------------------------------------|-----------------------|-----------|----------|
| Type | Value | User | Effect |
| DNEL long-term oral (repeated) | 4,5 mg/kg bw/day | Consumers | Systemic |
| DNEL long-term inhalative | 367 mg/m ³ | Consumers | Systemic |
| DNEL long-term inhalative | 734 mg/m ³ | Workers | Systemic |
| DNEL long-term dermal | 63 mg/kg bw/day | Workers | Systemic |
| PNEC aquatic, freshwater | 0,24 mg/l | | |
| PNEC aquatic, marine water | 0,024 mg/l | | |
| PNEC aquatic, intermittent release | 1,65 mg/l | | |
| PNEC sediment, freshwater | 1,15 mg/l | | |
| PNEC sediment, marine water | 0,115 mg/l | | |
| PNEC soil | 0,148 mg/l | | |
| PNEC sewage treatment plant (STP) | 650 mg/l | | |

| Butane (106-97-8) | | | |
|--------------------------|-------------------|---------|----------|
| Type | Value | User | Effect |
| DNEL long-term dermal | 23,4 mg/kg bw/day | Workers | Systemic |

8.2 - Exposure controls

Appropriate engineering controls - No information available.

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Individual protection measures, such as personal protective equipment

- Protective gloves



- Spectacles with side protection.

Environmental exposure controls

- No data available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

| <u>Physical state</u> | Liquid | <u>Appearance</u> | Aerosol |
|-------------------------------|--------|----------------------|----------------|
| <u>Colour</u> | cloudy | <u>Odour</u> | characteristic |
| Odour threshold | | No data available | |
| pH | | No data available | |
| Melting point | | No data available | |
| Freezing point | | No data available | |
| Boiling point | | -41 °C <= V <= 82 °C | |
| Flash point | | -40 °C | |
| Evaporation rate | | No data available | |
| flammability | | No data available | |
| Lower explosion limit | | 1,8 % Vol. | |
| Upper explosion limit | | 15 % Vol. | |
| Vapour pressure | | No data available | |
| Vapour density | | No data available | |
| Relative density | | 0,685 | |
| Density | | No data available | |
| Solubility (Water) | | No data available | |
| Solubility (Ethanol) | | No data available | |
| Solubility (Acetone) | | No data available | |
| Solubility (Organic solvents) | | No data available | |
| Log KOC | | No data available | |
| Auto-ignition temperature | | 399 °C | |
| Decomposition temperature | | No data available | |
| Kinematic viscosity | | No data available | |
| Dynamic viscosity | | No data available | |

9.2 - Other information

| | |
|--------------------------|-------------------|
| VOC content | No data available |
| Minimum ignition energy | No data available |
| Conductivity | No data available |
| Refractive index | No data available |
| Solids content | No data available |
| Surface tension | No data available |
| Saturation concentration | No data available |

- No data available.

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SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Avoid high temperatures or direct sunlight.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Electrostatic discharge

10.5 - Incompatible materials

- No data available.

10.6 - Hazardous decomposition products

- No data available.

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

| | |
|---------------------------------------|-------------------|
| LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

- No data available.

Toxicity : Substances

| | |
|--|---------------|
| ethanol, ethyl alcohol (64-17-5) | |
| LD50 oral (rat) | 7060 mg/kg |
| LC50 inhalation vapours (rat) | 116,9 mg/l |
| acetone; propan-2-one; propanone (67-64-1) | |
| LD50 oral (rat) | 5800 mg/kg |
| LD50 dermal (rabbit) | > 15700 mg/kg |
| ethyl acetate (141-78-6) | |
| LD50 oral (rat) | 5320 mg/kg |
| LD50 dermal (rabbit) | > 18000 mg/kg |
| LC50 inhalation (rat) | 4000 ppmV |

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| | |
|--|---|
| <u>Skin corrosion/irritation</u> | - Not classified - May cause skin irritation. |
| <u>Serious eye damage/eye irritation</u> | - Eye irritation - Category 2 - Causes serious eye irritation. - May cause eye irritation. |
| <u>Respiratory or skin sensitisation</u> | - Not classified - May cause drowsiness or dizziness. - May cause respiratory irritation. |
| <u>Germ cell mutagenicity</u> | - Not classified - No data available. |
| <u>Carcinogenicity</u> | - Not classified - No data available. |
| <u>Reproductive toxicity</u> | - Not classified - No data available. |
| <u>STOT-single exposure</u> | - Not classified - No data available. |
| <u>STOT-repeated exposure</u> | - Not classified - No data available. |
| <u>Aspiration hazard</u> | - Not classified - Not applicable |

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

| | |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

- No data available.

Toxicity : Substances

| | |
|----------------------------------|------------------------------|
| ethanol, ethyl alcohol (64-17-5) | |
| EC50 48 hr crustacea | 9268 mg/l <= V <= 14221 mg/l |

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| | |
|--|-------------------------------|
| LC50 96 hr fish | 12 mg/l <= V <= 16 mg/l |
| acetone; propan-2-one; propanone (67-64-1) | |
| EC50 48 hr crustacea | 10294 mg/l <= V <= 17704 mg/l |
| LC50 96 hr fish | 4,74 mg/l <= V <= 6,33 mg/l |
| ethyl acetate (141-78-6) | |
| EC50 48 hr crustacea | 560 mg/l |
| LC50 96 hr fish | 220 mg/l <= V <= 250 mg/l |

12.2 - Persistence and degradability

| | |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |
| % of biodegradation in 28 days | No data available |

- No data available.

12.3 - Bioaccumulative potential

| | |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC | No data available |

- No data available.

12.4 - Mobility in soil

- No data available.

12.5 - Results of PBT and vPvB assessment

12.6 - Other adverse effects

- No data available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods

- Avoid release to the environment.
- Dispose of waste according to applicable legislation.
- Handle contaminated packages in the same way as the substance itself.

Sewage disposal

- No information available.

Special precautions for waste treatment

- No information available.

Community or national or regional provisions

- Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 - UN number or ID number

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UN number (ADR) : UN1950
UN number (RID) : UN1950
UN number (IMDG) : UN1950
UN number (IATA) : UN1950

14.2 - UN proper shipping name

UN proper shipping name (ADR) : AEROSOLS (acetone; propan-2-one; propanone)
UN proper shipping name (RID) : AEROSOLS (acetone; propan-2-one; propanone)
UN proper shipping name (IMDG) : AEROSOLS (acetone; propan-2-one; propanone)
UN proper shipping name (IATA) : AEROSOLS, FLAMMABLE (acetone; propan-2-one; propanone)

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2.1
ADR Classification code: : 5F
Pictograms



Transport hazard class(es) (RID) : 2.1
Pictograms



Transport hazard class(es) (IMDG) : 2.1
Pictograms



Transport hazard class(es) (IATA) : 2.1
Pictograms



14.4 - Packing group

Packing group : N/A
Packing group (RID) : N/A
Packing group (IMDG) : N/A
Packing group (IATA) : N/A

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14.5 - Environmental hazards

| | | |
|------------------------------|---|----|
| <u>Environmental hazards</u> | : | No |
| <u>Marine pollutant</u> | : | No |

14.6 - Special precautions for user

ADR

| | | |
|--|---|-----------------|
| <u>ADR Classification code:</u> | : | 5F |
| <u>ADR Special provisions</u> | : | 190+327+344+625 |
| <u>ADR Limited quantity (LQ)</u> | : | 1L |
| <u>ADR Excepted quantities</u> | : | E0 |
| <u>ADR Packing instructions</u> | : | P207 LP200 |
| <u>ADR Special packing provisions</u> | : | PP87 RR6 L2 |
| <u>ADR Mixed packing provisions</u> | : | MP9 |
| <u>Instructions for portable tanks and bulk containers</u> | : | |
| <u>Special provisions for portable tanks and bulk containers</u> | : | |
| <u>ADR tank code</u> | : | |
| <u>ADR tanks special provisions</u> | : | |
| <u>Vehicle for tank carriage</u> | : | |
| <u>ADR Transport category</u> | : | 2 |
| <u>ADR Tunnel restriction code</u> | : | D |
| <u>ADR Special provisions loading, unloading and handling</u> | : | CV9 CV12 |
| <u>Special provisions - Packages</u> | : | V14 |
| <u>Special provisions - Bulk</u> | : | |
| <u>Special provisions - Operation</u> | : | S2 |
| <u>ADR Hazard identification number (Kemler No.)</u> | : | |

RID

| | | |
|------------------------------|---|-----------------|
| <u>Special provisions</u> | : | 190+327+344+625 |
| <u>Limited quantity (LQ)</u> | : | 1L |
| <u>Excepted quantities</u> | : | |

IMDG

| | | |
|--|---|----------------------------|
| <u>Special provisions</u> | : | 63 190 277 327 344 381 959 |
| <u>Limited quantity (LQ)</u> | : | |
| <u>Excepted quantities</u> | : | E0 |
| <u>Packing instructions</u> | : | P207 LP200 |
| <u>Special packing provisions</u> | : | PP87 L2 |
| <u>IBC instruction(s)</u> | : | |
| <u>IBC provisions</u> | : | |
| <u>Instructions for portable tanks and bulk containers</u> | : | |
| <u>Special provisions for portable tanks and bulk containers</u> | : | |
| <u>EmS codes</u> | : | F-D, S-U |
| <u>Stowage and handling</u> | : | Category None SW1 SW22 |
| <u>Segregation</u> | : | SG69 |
| <u>Properties and observations</u> | : | |

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IATA

| | | |
|--|---|----------------|
| <u>PCA - Excepted quantities</u> | : | E0 |
| <u>PCA - Limited Quantity - Packing Instructions</u> | : | Y203 |
| <u>PCA - Limited Quantity - Maximum Net Quantity per Package</u> | : | 30kg |
| <u>PCA - Packing Instructions</u> | : | 203 |
| <u>PCA - Maximum Net Quantity per Package</u> | : | 75kg |
| <u>CAO - Packing Instructions</u> | : | 203 |
| <u>CAO - Maximum Net Quantity per Package</u> | : | 150kg |
| <u>Special Provisions</u> | : | A145 A167 A802 |
| <u>ERG Code</u> | : | 10L |

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

| | |
|------------------------------------|---|
| <u>Substances REACH candidates</u> | None |
| <u>Substances Annex XIV</u> | None |
| <u>Substances Annex XVII</u> | isopentane; 2-methylbutane (Index No.: 601-085-00-2 - EC No.: 201-142-8 - CAS No.: 78-78-4) |
| <u>VOC content</u> | No data available |

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

| Version | Issue date | Author | Description of the amendments |
|---------|------------|--------|-------------------------------|
| 1,2 | 25/11/2024 | | |
| 1,1 | 13/11/2024 | | |
| 1 | 12/11/2024 | | |

Texts of the regulatory sentences

| | |
|-------------------|--|
| Aerosol 1 | Aerosol - Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Aquatic Chronic 2 |
| Eye Irrit. 2 | Eye irritation - Category 2 |
| Flam. Gas 1 | Flammable gas. - Category 1 |
| Flam. Liq. 2 | Flammable liquid and vapour. - Category 2 |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

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|------------|--|
| Press. Gas | Gases under pressure |
| STOT SE 3 | STOT-single exposure - Category 3 (H336) |

The information provided in this Safety Data Sheet (SDS) is current on the date the SDS was prepared or revised. Implementation of measures that are provided on SDS is under downstream user companies' responsibility. Downstream users may change the measures in the SDS according to the conditions in their own business.

*** **