



Greener Cleaner Better

SAFETY DATA SHEET

Extreme Fire Clean

Date of preparation: January 2018

1. Identification

Product Identifier (Trade name): Fade Away **Extreme Fire Clean**

Recommended Use of Product: Spray and wipe and spot cleaner, mopping vinyl and wooden floors, cleaning walls, ceilings, tiles, shower recess etc. Efficient carpet prespray and extraction fluid for synthetic carpets, upholstery, curtains, auto cleaning, degreasing etc and soot remover.

Product Description: HIGH PH hard surface cleaner

Application of the Product: Heavy duty cleaner, soot remover and multi-purpose cleaner degreaser.

Manufacturer/Supplier:

Juvenate Pty Ltd
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Stapylton, QLD 4207 Australia
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2. Hazard (s) Identification

Classification of the substance or mixture: Category 0: Non-hazardous/Non-Toxic

Physical hazards: Not Classified

Health hazards: Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Environmental hazards: Not Classified

Label elements:

Pictogram



Single Word: Danger.

Hazard statements: H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

Precautionary statements:

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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.

P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash before reuse.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains: Dodecylbenzenesulphonic acid

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

3. Composition/Information on Ingredients

2-butoxyethanol CAS number: 111-76-2	10-30%
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
Dodecylbenzenesulphonic acid CAS number: 27176-87-0	1-10%
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318	
Coconut Diethanolamide CAS number: 68603-42-9	1-10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	

The full text for all hazard statements is displayed in Section 16.

4. First-aid Measures

General information: Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

Ingestion: Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

Skin Contact: It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

Eye contact: Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

New category

Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known.

Ingestion: May cause sensitisation or allergic reactions in sensitive individuals. May cause irritation.

Skin contact: May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

Eye contact: Causes serious eye damage. Symptoms following overexposure may include the following:
Pain. Profuse watering of the eyes. Redness.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.

5. Fire-fighting Measures

Extinguishing Media: product not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

Advice for firefighters

Protective actions during firefighting: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid contact with skin and eyes.

Environmental precautions: Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up: Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Do not use sawdust or other combustible material. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling & Storage

Precautions for safe handling

Usage precautions: Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene: Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities: Storage precautions Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class: Chemical storage.

Specific end use(s): The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

2-butoxyethanol: Long-term exposure limit (8-hour TWA): 20 ppm 96.9 mg/m³ Short-term exposure limit (15-minute): 50 ppm 242 mg/m³

Sk

Sk = Absorption through the skin may be a significant source of exposure.

Exposure controls



Protective equipment

Appropriate engineering controls: Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection: Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a fullface respirator may be required instead.

Hand protection: Wear protective gloves. 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. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection: May cause skin sensitisation or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures: Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection: Ensure all respiratory protective equipment is suitable for its intended use and complies with Australia/New Zealand Standard AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Half mask and quarter mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716.

Environmental exposure controls: Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical & Chemical Properties

Information on basic physical and chemical properties

Appearance: Coloured liquid.

Colour: Pale purple

Odour: Fruity.

Specific Gravity: 1.01

10. Stability & Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

Chemical stability: Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of hazardous reactions: No potentially hazardous reactions known.

Conditions to avoid: There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

11. Toxicological Information:

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 3,776.44

Acute toxicity - dermal

Notes (dermal LD) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 11,000.0

Acute toxicity - inhalation

Notes (inhalation LC) Based on available data the classification criteria are not met.

ATE inhalation (vapours mg/l) 110.0

Skin corrosion/irritation

Animal data: Irritating.

Serious eye damage/irritation

Serious eye damage/irritation: Eye Dam. 1 - H318 Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation: May cause skin sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity: Based on available data the classification criteria are not met. IARC carcinogenicity None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development: Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure: Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard: Based on available data the classification criteria are not met.

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known.

Ingestion: May cause sensitisation or allergic reactions in sensitive individuals. May cause irritation.

Skin Contact: May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

Eye contact: Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

Route of entry: Ingestion Inhalation Skin and/or eye contact

Target Organs: No specific target organs known.

Medical considerations: Skin disorders and allergies.

12. Ecological Information

Ecotoxicity: Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity: Based on available data the classification criteria are not met.

Persistence and degradability

Persistence and degradability: The degradability of the product is not known.

Bioaccumulative potential

Bioaccumulative Potential: No data available on bioaccumulation.

Mobility in soil

Mobility: No data available.

Results of PBT and vPvB assessment**Other adverse effects**

Other adverse effects: None known.

13. Disposal Considerations

Waste treatment methods

General information: The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods: Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

14. Transport Information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): No transport warning sign required.

Packing group: Not applicable.

Environmental hazards: Environmentally hazardous substance/marine pollutant: No.

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture
Inventories**

Australia - AICS

None of the ingredients are listed or exempt.

16. Other Information

Training advice: Only trained personnel should use this material.

Revision date 30/01/2018

Revision 1

General Information: The following risk and hazard statements are to be considered a glossary. They relate to the raw materials used in this product and therefore may not be accurate for the finished product itself. For the complete risk and hazard statements for this product please refer to section 2 of this Safety Data Sheet

Hazard statements in full:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

This information 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. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Juvenate®

SPECIALTY RESTORATION EQUIPMENT

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