

Manufactured in the UK

SAFETY DATA SHEET

Hints - Oven & BBQ Cleaner



According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Hints - Oven & BBQ Cleaner
Container size 300mL

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

Identified uses Oven, BBQ & Fireplace glass cleaner
Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier Keen-Newport Group Ltd
Unit 31 Kingfisher Court
Hambridge Road
Newbury
RG14 5SHJ

1.4. Emergency telephone number

Emergency telephone +44 (0)1635 34600 (Mon-Fri 09:00-17:00)

SECTION 2: Hazards identification

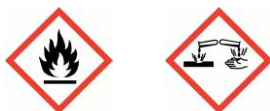
2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229
Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H314 Causes severe skin burns and eye damage.

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Precautionary statements P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P211 Do not spray on an open flame or other ignition source.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50° C/122° F.

P501 Dispose of contents/ container in accordance with national regulations.

Contains sodium hydroxide

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**

sodium hydroxide		1-5%
CAS number: 1310-73-2	EC number: 215-185-5	
Classification		
Met. Corr. 1 - H290		
Skin Corr. 1A - H314		
butane		1-5%
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32-XXXX
Contains no other substances or impurities which will influence the classification of the product.		
Classification		Classification (67/548/EEC or 1999/45/EC)
Flam. Gas 1 - H220		F+; R12. Extremely flammable.
Press. Gas (Liq.) - H280		

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isobutane			1-5%
CAS number: 75-28-5	EC number: 200-857-2	REACH registration number: 01-2119485395-27-0000	
Contains no other substances or impurities which will influence the classification of the product.			
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220		F+; R12. Extremely flammable.	
Press. Gas (Liq.) - H280			
propane			1-5%
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2113486944-21-0000	
Contains no other substances or impurities which will influence the classification of the product.			
Classification		Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220		F+; R12. Extremely flammable.	
Press. Gas (Liq.) - H280			
AMIDES, C8-18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL)			<1%
CAS number: 68155-07-7	EC number: 268-935-9		
Classification			
Skin Irrit. 2 - H315			
Eye Dam. 1 - H318			
Aquatic Chronic 2 - H411			
Diethanolamine			<1%
CAS number: 111-42-2	EC number: 203-868-0	REACH registration number: 012119488930-28-XXXX	
Classification			
Acute Tox. 4 - H302			
Skin Irrit. 2 - H315			
Eye Dam. 1 - H318			
STOT RE 2 - H373			
Aquatic Chronic 3 - H412			

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**

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Chemical burns must be treated by a physician.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms are severe or persist.

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Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Get medical attention.
Skin contact	It is important to remove the substance from the skin immediately. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.
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	It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

4.2. 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	A single exposure may cause the following adverse effects: Severe irritation of nose and throat. Symptoms following overexposure may include the following: Corrosive to the respiratory tract.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact	Causes severe burns. Symptoms following overexposure may include the following: Pain or irritation. Redness. Blistering may occur.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is 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.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Vapours may form explosive mixtures with air. Severe corrosive hazard. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Very toxic or corrosive gases or vapours.

5.3. Advice for firefighters

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Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. 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. Avoid discharge to the aquatic environment. 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

Regular protection may not be safe. Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Risk of explosion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions

The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. Avoid discharge to the aquatic environment.

6.3. 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. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. This product is corrosive. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. 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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away

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from food, drink and animal feeding stuffs. Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. This product is corrosive. Immediate first aid is imperative. 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. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapours and spray/mists.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising materials, heat and flames. Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50° C/122° F.

Storage class Corrosive 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

Occupational exposure limits

sodium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

butane

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

isobutane

800ppm (TWA/TLV)

propane

TLV (ACGHIH) - 1.000 ppm

WEL = Workplace Exposure Limit

AMIDES, C8-18(EVEN NUMBERED) AND C18(UNSATD.), N,N-BIS(HYDROXYETHYL) (CAS: 68155-07-7)

DNEL

Workers - Dermal; Long term systemic effects: 4.16 mg/kg

Diethanolamine (CAS: 111-42-2)

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Hints - Oven & BBQ Cleaner**DNEL**

Workers - Dermal; Long term systemic effects: 0.13 mg/kg

Workers - Inhalation; Long term local effects: 1 mg/m³

Consumer - Dermal; Long term systemic effects: 0.07 mg/kg/day

Consumer - Inhalation; Long term local effects: 0.25 mg/m³**8.2. Exposure controls****Protective equipment****Appropriate engineering controls**

Provide adequate ventilation.

Eye/face protection

Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

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 European Standard EN374. 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

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Respiratory protection

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Keep container tightly sealed when not in use. Avoid release to the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Aerosol.
Colour	Water-white.
Odour	No characteristic odour.
pH	pH (concentrated solution): 12 - 14
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.

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Vapour density	No information available.
Relative density	No information available.
Solubility(ies)	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	Yes
Oxidising properties	Not available.

9.2. Other information

Other information	No information required.
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	See the other subsections of this section for further details.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react strongly with the product: Oxidising agents.
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10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
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10.5. Incompatible materials

Materials to avoid	Acid anhydrides. Acids. Phenols, cresols.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Corrosive gases or vapours.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity - oral**

Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
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Acute toxicity - dermal

Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
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Acute toxicity - inhalation

Notes (inhalation LC₅₀)	Based on available data the classification criteria are not met.
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Skin corrosion/irritation

Animal data	Skin Corr. 1B - H314 Causes severe burns.
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Extreme pH ≥ 11.5 Corrosive.**Serious eye
damage/irritation****Serious eye
damage/irritation** Eye Dam. 1 - H318 Corrosive to skin. Corrosivity to eyes is assumed.**Respiratory sensitisation****Respiratory sensitisation** Based on available data the classification criteria are not met.**Skin sensitisation****Skin sensitisation** Based on available data the classification criteria are not met.**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** Contains a substance which may be potentially carcinogenic. IARC Group 2B
Possibly carcinogenic to humans.**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** Corrosive to the respiratory tract. Symptoms following overexposure may include the following: Severe irritation of nose and throat.**Ingestion** Due to the physical nature of this product, it is unlikely that ingestion will occur.**Skin contact** Causes severe burns. Symptoms following overexposure may include the following: Pain or irritation. Redness. Blistering may occur.**Eye contact** Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.**Route of exposure** Ingestion Inhalation Skin and/or eye contact**Target organs** No specific target organs known.**SECTION 12: Ecological information****Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

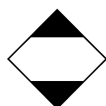
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Hints - Oven & BBQ Cleaner**12.1. Toxicity****Toxicity** Based on available data the classification criteria are not met.**12.2. Persistence and degradability****Persistence and degradability** The degradability of the product is not known.**12.3. Bioaccumulative potential****Bioaccumulative potential** No data available on bioaccumulation.**Partition coefficient** No information available.**12.4. Mobility in soil****Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****Other adverse effects** None known.**SECTION 13: Disposal considerations****13.1. 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** Do not empty into drains. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.**SECTION 14: Transport information****14.1. UN number****UN No. (ADR/RID)** 1950**UN No. (IMDG)** 1950**UN No. (ICAO)** 1950**UN No. (ADN)** 1950**14.2. UN proper shipping name****Proper shipping name (ADR/RID)** AEROSOLS**Proper shipping name (IMDG)** AEROSOLS**Proper shipping name (ICAO)** AEROSOLS**Proper shipping name (ADN)** AEROSOLS**14.3. Transport hazard class(es)****ADR/RID class** 2.1**ADR/RID classification code** 5F**ADR/RID label** 2.1**IMDG class** 2.1**ICAO class/division** 2.1

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ADN class 2.1**Transport labels****14.4. Packing group 14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user**EmS** F-D, S-U**ADR transport category** 2**Tunnel restriction code** (D)**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation

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).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories**EU - EINECS/ELINCS**

None of the ingredients are listed or exempt.

SECTION 16: Other information

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Hints - Oven & BBQ Cleaner**Abbreviations and acronyms
used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 IATA: International Air Transport Association.
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
 IMDG: International Maritime Dangerous Goods.
 CAS: Chemical Abstracts Service.
 ATE: Acute Toxicity Estimate.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 EC₅₀: 50% of maximal Effective Concentration.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 vPvB: Very Persistent and Very Bioaccumulative.

**Classification abbreviations
and acronyms**

Aerosol = Aerosol
 Eye Dam. = Serious eye damage
 Skin Corr. = Skin corrosion

**Classification procedures
according to Regulation (EC)**

Eye Dam. 1 - H318: Skin Corr. 1B - H314: : Calculation method. Aerosol 1 - H222,
 H229: : Expert judgement.

1272/2008

Training advice

Read and follow manufacturer's recommendations.

Revision date

10/10/2018

Revision

5

Supersedes date

30/05/2018

SDS number

4928

Hazard statements in full

H220 Extremely flammable gas.
 H222 Extremely flammable aerosol.
 H229 Pressurised container: may burst if heated.
 H280 Contains gas under pressure; may explode if heated.
 H290 May be corrosive to metals.
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H373 May cause damage to organs (Blood, Kidneys, Liver) through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

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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.