1. Identification of the substance/preparation and of the company/ undertaking

Chemical identity

Acetone Dimethyl Ketone 2-Propanone

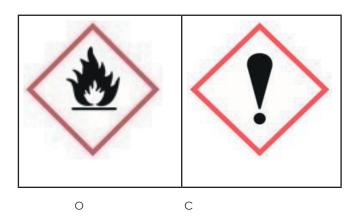
Supplier

G & B (NW) Ltd, Giants Hall Farm, Standish, Wigan, WN6 8RY

Emergency telephone number

01942 518150

2. Hazards Identification



GHS label elements

Mα	rni	na
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H226 Highly flammable liquid and vapour

H332 Harmful if Inhaled

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

EUH066 Repeated exposure may cause skin dryness or cracking

<u>Prevention</u>

P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking

P241 Use explosion-proof electrical/ventilation/lighting equipment

Response

P233 Keep container tightly closed

P305 In case of contact with eyes, rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

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Storage

P405 Store locked up.

Disposal

P501 Dispose of content/container in accordance with local/regional/national/international regulations,

3. Composition / Information on Ingredients.

EINECS/ELINCS	CAS number	Index number	Chemical Name
200-662-2	67-64-1 2-Propanone	606-001-00-8	Acetone

4. First Aid Measures

Action	
Immediately remove any clothing soiled by the product	
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness, place patient stably in side position for transportation.	
Immediately wash with acidic soap and water and rinse thoroughly.	
Rinse opened eye for weveral minutes under running water. Then consult a doctor.	
Do not induce vomiting. Rinse out mouth and then drink pllenty of water. I f symptoms persist, consult a doctor.	

5. Fire-Fighting Measures

Suitable extinguishing agents: Alcohol resistant foam, Carbon Dioxide and extinguishing powder.

Un suitable extinguishing agents: Full jet water stream.

Wear self contained respiratory protective device. Cool endangered receptacles with water spray. Despose of debris and contaminated water in accordance with official regulations.

6. Accidental release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation. Keep away from sources of ignition.

Measures for environmental protection: Do not allow to enter sewers/surface or ground water.

Measures for cleaning/collecting: Absorb with liquid binding material (diatomite, sand, Acid

binders, universal binders or sawdust).

7. Handling and storage

Handling

Ensure good ventilation/exhaustion at the workplace. Store in cool, dry place in tightly closed containers. Keep ignition sources away – Do NOT Smoke. Protect against electrostatic charges.

Storage

Store away from oxidising agents ans. Keep container tightly closed.

8. Exposure and Controls/ Personal Protection

Ingredients with limit values that require monitoring at the workplace

200-662-2 2-Propanone OES Short – term value: 3620 mg/m^3 , 1500 ppm

Long – term value: 500 mg/m³, 1210ppm

Personal protective equipment: Sk Bmg

General Protective and hygienic measures: Keep away from foodstuffs, beverages and food.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin and eyes

Rubber Gloves, Butyl Rubber, PVC or Natural Rubber.

Body protection: use protective suit.

Body Protection: Impervious protective clothing.

9. Physical and Chemical Properties

Change in condition: Explosion Limits: Lower: 2.6 Vol%

Boiling Point : 56.2□C Upper 12.8% Vol

Melting point: -95 □ C

Flash Point: -16 □ C

Auto-ignition 465 □ C

Density at 20 □ C - 0.79 g/cm³

Vapour density 4.46 g/cm

Vapour Pressure: 181 h Pa

Solubility in water at 20 \square C - 19 g/l

Viscosity Dynamic at 20□C - 0.59 m Pas

10. Stability and Reactivity

Thermal decomposition/conditions to be avoided

No decomposition if used according to recommended specification.

Hazardous Reactions

May react with strong acids and alkalis,

Decomposition and decombustion products

Carbon Monoxide and Carbon Dioxide. Poisonous gases and vapours

11. Toxicological Information

Acute toxicity:. LD/LC50 Values relevant for classification:

 Oral
 LD50
 5800 mg/kg rat

 Dermal
 LD50
 >20000 mg/kg rabbit

Inhalative LC50/4h 76 mg/l 4h rat

Primary skin irritant effect:

On the Skin No Irritant effect. Irritant to skin and mucous membranes.

On the eye: Strong irritant with the danger of severe eye injury.

Sensitization: No sensitizing effects known

12. Ecological Information

Information about elimination(persistence and degradability): OECD 301 E >70% (DOC)

Other information: The product is easily Biodegradable

IC 10 (16u) 100 mg/l (Scenedesmus subspicatus)

Aquatic Toxicity: LC 50 (96u) 100 ppm (daphnia magna)

Additional ecological information: Water hazard class 1 (German Regulation) (Assessment by list)

Do not allow product to reach ground water or sewage system.

Danger to drinking water, even if small quantities leak into ground.

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13. Disposal Considerations

Product:

Recommendation: Must not be disposed of with household rubbish.

Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation Disposal must be made according to Official Regulation.

14. Transport information



Land Transport

ADR/RID class: 3 Flammable Liquids.

Danger code (Kemler): 33

UN Number: 1090

Packaging Group: II

Hazard label: 3

Description of goods: 1090 ACETONE

15. Regulatory Information

Code letter: Harmful – Highly Flammable

Hazard symbol: Xn – Harmful.

Risk phrases: R11 Highly Flammable

R20 Harmful by Inhalation.

R36/37 Irritating to eyes and respiratory system.

R66 Repeated exposure may cause skin dryness or cracking.

Safety phrases: S2 Keep out of reach and sight of children.

S9 Keep container in well ventilated place.

S16 Keep away from sources of ignition – NO SMOKING.

\$24/25 Avoid contact with skin and eyes.

S29 Do not empty into drains.

S36/37 Wear suitable protective clothing, gloves and eye/face protection.

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16. Other information

The information is deemed to be correct, but is given without warranty. However, it should be construed as a technical specification or as guaranteeing specific properties. In no event will we be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from this information.

It is the 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.

Last updated 14/10/2010