

SAFETY DATA SHEET



Issue: 21st July, 2017

Issue Number: 4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT:	ADBLUE	
USE:	Fuel additive for diesel engines fitted with SCR Technology	
COMPANY IDENTIFICATION:	Chempro Logistics 28 Bowden Road Mt Wellington Auckland NZ Tel (9) 543-5473 Fax (9) 573-5466	
Emergency Telephone Numbers:	0800 CHEMCALL	0800 243-622
	NATIONAL POISONS CENTRE	0800 764 766
	POLICE, FIRE, AMBULANCE	111

2. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

Product is classified as hazardous according to Schedules 1 to 6 of the New Zealand *Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001* of the HSNO Act, 1996. **HSNO Approval Code:** HSR002585

Hazard Classifications: 6.3B, 6.4A, 9.3C

Signal word: WARNING

Hazard Statements

H316 Causes mild skin irritation.
H320 Causes eye irritation.
H433 Harmful to terrestrial vertebrates.

Prevention Statements

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P273 Avoid release to the environment

Response Statements

P332 + P313 If skin irritation occurs: Get medical advice.

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

P337 + P313 If eye irritation persists: Get medical advice.

Storage Statements

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Disposal Statements

P501 Dispose of product and containers in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Urea	57-13-6	30 -35
Other ingredients (non hazardous)		Balance

4. FIRST AID MEASURES

If you feel unwell, get medical attention. If medical advice is needed, have product container or label at hand. Consult the National Poisons Centre, telephone 0800 764 766 [0800 POISON] or a doctor in every case of suspected poisoning.

EYES: Hold eyes open and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

SKIN: Wash affected area with soap and water. If skin irritation occurs, get medical advice.

INGESTION: Rinse mouth. Give a glass of water to drink. Call a Poison Centre or doctor for advice if person feels unwell.

INHALATION: Move person to fresh air. Call a Poison Centre or doctor for advice if person feels unwell.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non flammable

FLAMMABLE LIMITS: **LFL:** Not determined **UFL:** Not determined

EXTINGUISHING MEDIA: Water, foam or dry chemical appropriate to surrounding materials.

FIRE & EXPLOSION HAZARDS: Avoid breathing smoke. May contain carbon oxides and nitrogen oxides.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spill. Recover liquid, or absorb with inert material to suitable labeled container that can be sealed for disposal.

DISPOSAL: Dispose of unused product to landfill in accordance with any local regulations.

7. HANDLING AND STORAGE

HANDLING: Keep out of reach of children. Do not contaminate foodstuffs. Wash hands after handling product.

STORAGE: Recommended storage temperature range – 10 °C to 35 °C. Do not store above 35 °C. Avoid exposure to direct sunlight. Store in closed original container in a secure cool dry place, out of reach of children, and away from food, drink and animal foodstuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: No Tolerable Exposure Limit (TEL) nor Workplace Exposure Standard (WES) have been set for this substance.

ENGINEERING CONTROLS: Use in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Not required under normal conditions. Avoid contact with eyes. Wear protective glasses if risk of exposure to aerosol or mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear to slightly turbid
Odour:	Non specific
Melting point (°C):	-11.5
Boiling point (°C):	103
Flash point (°C):	Not flammable
Auto ignition temperature (°C):	Not known
Density at 20°C, g/ml:	1.09
Solubility in water:	Soluble
pH:	8.0 – 11.0

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable under normal storage and use conditions. Avoid temperatures > 35 °C. Avoid exposure to direct sunlight.

INCOMPATIBILITY (MATERIALS TO AVOID): None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: Not known.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

EYE: May be mildly irritating resulting in redness.

SKIN: May be mild irritant.

INGESTION: Ingestion may result in irritation of gastrointestinal tract.

INHALATION: An unlikely exposure route.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: No adverse effects identified.

CANCER INFORMATION: Not classified as carcinogen.

TERATOLOGY (BIRTH DEFECTS) AND REPRODUCTIVE DEFECTS: Not classified.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): Not a mutagen.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Product has been classified as harmful to terrestrial vertebrates.

MOVEMENT AND PARTITIONING: Product is soluble in water. **DEGRADATION**

AND PERSISTENCE: Expected to rapidly biodegrade.

OTHER INFORMATION: No EEL has been set for this substance.

13. DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with Regional Authority or local council bylaws. Do not use empty containers for storing other products. Triple rinse containers with water. Offer clean containers for recycling otherwise puncture/crush and dispose of safely by burying in an approved landfill.

14. TRANSPORT REGULATIONS

PUBLIC PASSENGER VEHICLE TRANSPORT:

HSNO Regulations limit packages to no more than 2.5 L or 5 kg in a sealed container when carried on passenger service vehicles.

TRANSPORT INFORMATION:

UN Number: Not classified

HAZCHEM: -

Class: -

Packing Group: Schedule 4

15. REGULATORY INFORMATION

Classified as hazardous under the HSNO Act 1996 according to criteria of Minimum Degrees of Hazard (Threshold) Regulations, 2001.

HSNO Approval Code: HSR002585; Fuel Additives (Subsidiary Hazard) Group Standard. Refer to Section 2 for classifications and to www.epa.govt.nz for Controls and Conditions.

16. OTHER INFORMATION

ISSUE DATE: 25th July 2017
REPLACES: Safety Data Sheet dated 21st July 2016
REASONS FOR ISSUE: Change of Ownership.

ABBREVIATIONS:

CAS No. Chemical Abstracts Service Number
EPA Environmental Protection Agency
HSNO Hazardous Substances & New Organisms
STEL Short Term Exposure Limit
TWA Time Weighted Average
WES Workplace Exposure Standard

REFERENCES:

www.epa.govt.nz
Supplier Safety Data Sheets

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). The ChemSafe Manufacturing Group disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET