












Substance Risk Assessment









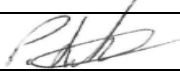
IMS-7-T02
Rev:01
Date: 19/01/2024

Product Name:	AC-111 Diesel Additive	SDS Issue Date:	01/10/2021					
Note – Obtain current SDS (<5yrs from date of issue) before completing this risk assessment								
Manufacture:	Austech Chemicals PTY LTD	Telephone	07 3204 8511					
Hazardous Substance:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Check for a pictogram in section 2 of the safety data sheet).							
C'pressed Gas  <input type="checkbox"/>	Corrosive  <input checked="" type="checkbox"/>	Enviro Hazard  <input type="checkbox"/>	Explosive  <input type="checkbox"/>	Flammable  <input type="checkbox"/>	Harmful Irritant  <input type="checkbox"/>	Health Hazard  <input type="checkbox"/>	Oxidising  <input type="checkbox"/>	Toxic  <input type="checkbox"/>
Uses / application:	Removal of contamination from all types of fuel							
Form of substance:	<input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Fine dust <input type="checkbox"/> Coarse dust <input type="checkbox"/> Paste <input type="checkbox"/> Other specify: N/A							
Can a non / less hazardous product be used for this activity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If 'yes' give reasons for not using: N/A								
How much of the product will the users be exposed to during the task? (e.g., litres, millilitres etc) 500ml								
How long will the users be exposed to the product? (e.g., hours per day, days per week, etc): <5 minutes /day								
Isolation:	<input checked="" type="checkbox"/> Containers stored away from the work area when not in use. <input checked="" type="checkbox"/> Containers stored in well-ventilated area / suitable containers and away from incompatible materials. <input checked="" type="checkbox"/> Containers kept closed when not in use. <input type="checkbox"/> No ignition sources / no smoking.							
Ventilation:	<input checked="" type="checkbox"/> Ensure natural ventilation. <input type="checkbox"/> Use of mechanical ventilation. <input type="checkbox"/> Local exhaust ventilation (LEV) extraction devices.							
Other Controls	<input checked="" type="checkbox"/> Training in safe storage and application. <input checked="" type="checkbox"/> Job rotation to reduce exposure. <input checked="" type="checkbox"/> Avoid contact with skin and eyes. <input type="checkbox"/> Use of barrier creams. <input checked="" type="checkbox"/> Good personal hygiene – wash hands before eating, drinking, smoking, toilet.							
First Aid Measures: (Check section 4 of the safety data sheet).								
Wash Eyes <input checked="" type="checkbox"/>	Wash Skin <input checked="" type="checkbox"/>	Induce Vomit <input type="checkbox"/>	Give Fluid <input checked="" type="checkbox"/>	Remove to Air <input checked="" type="checkbox"/>				
Seek medical assistance if condition persists / Immediate medical attention is required for ingestion.								
Fire and remedial: (Check section 5 of the safety data sheet).								
<input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Carbon Dioxide (CO2) <input checked="" type="checkbox"/> Dry Chemical Powder (ABE/BE) <input checked="" type="checkbox"/> Foam <input type="checkbox"/> Wet Chemical <input type="checkbox"/> Fire Blanket <input type="checkbox"/> N/A Comments: N/A								
Exposure route of chemical: (Check section 8 of the safety data sheet).								
<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin (absorption) <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Injection <input type="checkbox"/> Other – Specify: N/A								



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Is air monitoring required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is health monitoring required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Note: If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.			
Health surveillance <u>is</u> required for substances containing one or more of the following ingredients:			
4,4' Methylenebis (MOCA)	Acrylonitrile	Asbestos	Benzene
Cadmium	Creosote	Crystalline silica >1%	Inorganic arsenic
Inorganic chromium	Isocyanates	Organophosphate pesticides	Pentachlorophenol (PCP)
Polycyclic aromatic hydrocarbons	Thallium	Vinyl chloride	
Can this chemical be used in accordance with the controls nominated in the SDS?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If no, please explain why? (Ensure controls listed manage each of the exposure routes ticked above if required).			
N/A			
Is any Personal Protective Equipment (PPE) required when using the chemical?		Yes	
	<input checked="" type="checkbox"/> Eye Protection		<input checked="" type="checkbox"/> Mask / Respirator (Sundstrom SR100 Half Face)
	<input type="checkbox"/> Eye and Face Protection		<input checked="" type="checkbox"/> Gloves
	<input checked="" type="checkbox"/> High Visibility Clothing		<input checked="" type="checkbox"/> Safety Protective Footwear
	<input checked="" type="checkbox"/> Overalls / Clothing		<input type="checkbox"/> Other Specify: N/A
Level of Risk:			
<input checked="" type="checkbox"/> Risk is insignificant and is not likely to increase in future.			
<input type="checkbox"/> Risks are significant but effectively controlled (but could increase in the future).			
<input type="checkbox"/> Risks are significant and not effectively controlled.			
<input type="checkbox"/> Uncertain about the risks.			
Person / s conducting risk assessment: Phil Jenkins, Jay Gaddes			
Assessment approved by:	Phil Jenkins Workplace Health and Safety Manager		
Signature:		Date:	19/01/2024
Next assessment due:	01/10/2026		

SAFETY DATA SHEET

AC-111 Diesel Additive

Infosafe No.: 5GEFU

Issued Date: 01/10/2021

Issued by: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier

AC-111 Diesel Additive

Product Code

AC111

Company Name

AUSTECH CHEMICALS PTY LTD (ABN 84 124 370 761)

Address45 Magnesium Street Narangba
QLD 4504 Australia**Telephone/Fax Number**

Tel: 07 3204 8511

Fax: 07 3204 8522

Emergency phone number

07 3204 8511

E-mail Address

nicholas@auschem.com

Recommended use of the chemical and restrictions on use

Removal of contamination from all types of fuel

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

Causes skin irritation.

Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Wash contaminated skin thoroughly after handling

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

Precautionary statement – Response

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
2- (2- butoxy ethoxy) ethanol	112- 34- 5	40- 60 %
Nonionic Surfactant	N/A	40- 60 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		0- > 10 %

4. FIRST-AID MEASURES

First Aid Measures

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 03 474 7000.

Inhalation

Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.

Ingestion

Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.

Skin

Wash thoroughly with plenty of water. Remove contaminated clothing. If irritation persist seek medical advice.

Eye contact

Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.

First Aid Facilities

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor

Treat symptomatically. Show this M.S.D.S. to the medical practitioner.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Small fire: Use dry chemicals, CO₂, water spray or alcohol resistant foam. Large fire: Use water spray, water fog or alcohol resistant foam. Use equipment/media appropriate to surrounding fire conditions.

Hazards from Combustion Products

This product is non combustible. Fumes of decomposition products may be toxic and irritating.

Special Protective Equipment for fire fighters

Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Avoid concentrated spillage from entering drains or watercourse. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.

Personal Protection

No special requirements under normal use conditions.

Environmental Precautions

Review local regulations before release to the environment.

7. HANDLING AND STORAGE

Precautions for Safe Handling

When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas.

Additional information on precautions for use

Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

WSA exposure limits: None established

Biological Limit Values

None established

Appropriate Engineering Controls

Avoid generating and inhaling mists. Keep containers closed when not in use.

Personal Protective Equipment

Use sensible work practices that reduce operator exposure to the product.

Other Information

Handle in accordance with good industrial hygiene, avoid contact with skin and eyes. Gloves, safety glasses, safety boots and protective clothing should be worn

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, blue liquid

Odour

odourless

Solubility in Water

Miscible with water

10. STABILITY AND REACTIVITY

Conditions to Avoid

Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this MSDS.

Possibility of hazardous reactions

This material is stable under normal conditions of storage and use.

Other Information

Store in a cool, dry place

11. TOXICOLOGICAL INFORMATION

Ingestion

Will cause discomfort & irritation, possibly nausea

Inhalation

Inhalation of fine mists cause irritation to the respiratory tract and nasal passages.

Skin

Will cause irritation. Avoid contact with skin.

Eye

Will cause irritation and reddening. May cause severe damage.

Chronic Effects

No long-term exposure effects are known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data is available on the product itself.

Calculated data indicates that the product may be toxic to some aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Remove for disposal in accordance with local waste management regulations. Dilute well with water before discharge.

14. TRANSPORT INFORMATION

Transport Information

Not classified under the ADG code

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

All ingredients listed

Other Information

Caution - product not yet tested completely.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

October 2021

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Workplace exposure standards, Safe Work Australia.

Hazardous Substances/Chemicals Information System, Safe Work Australia.

Globally Harmonised System of classification and labelling of chemicals.

Raw material suppliers' SDS.

Other Information

MSDS version: 4

Reason for revision: GHS update

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS

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