



Safety Data Sheet

Infosafe No™	IMD8W	Issue Date : March 2015	ISSUED by IMCDAST
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Product Name : **Flocon MC11**

Classified as hazardous

1. Identification

GHS Product Identifier	Flocon MC11
Product Code	4900165
Company Name	IMCD Australia Limited (ABN 44 000 005 578)
Address	1st Floor, 372 Wellington Road Mulgrave Victoria 3170 Australia
Telephone/Fax Number	Tel: (03)8544 3100 (Business hours) Fax: (03)8544 3299
Emergency phone number	1800 625 526
E-mail Address	reg@imcd.com.au
Recommended use of the chemical and restrictions on use	Cleaning agent.
Additional Information	It is the user's responsibility to determine the suitability of this product for their applications and their methods of use.
Other Information	THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

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 Acute Toxicity - Oral: Category 4 Eye Damage/Irritation: Category 1 Skin Corrosion/Irritation: Category 2 STOT Single Exposure: Category 3 (respiratory tract irritation)
Signal Word (s)	DANGER
Hazard Statement (s)	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Pictogram (s)	Corrosion, Exclamation mark



Precautionary statement – Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
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Precautionary statement – Response	P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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. P310 Immediately call a POISON CENTER or doctor/physician. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse.
Precautionary statement – Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
Precautionary statement – Disposal	P405 Store locked up. P501 Dispose of contents/container according to local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	EDTA Tetrasodium Salt	64-02-8	30-60 %
	Sodium phosphate, tribasic	7601-54-9	30-60 %
	Sodium Tripolyphosphate	7758-29-4	30-60 %
	Citric Acid	77-92-9	5-10 %

4. First-aid measures

First Aid Measures	You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have the SDS with you when you call.
Inhalation	Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly. Never give liquid to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.
Skin	Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.
Eye contact	Rinse the eye with water immediately. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Indication of immediate medical attention and special treatment needed if necessary	Treat symptomatically.
Most important symptoms/effects, acute and delayed	Inhalation: Upper respiratory irritation. Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting. Skin contact: Skin irritation. Eye contact: Irritation of eyes and mucous membranes.

5. Fire-fighting measures

Fire Fighting Measures	Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
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Suitable extinguishing media	Protective equipment for fire-fighters: Leave danger zone immediately. Self contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific hazards arising from the chemical	The product is non-combustible. Fire can be extinguished using: Dry chemicals, sand, dolomite etc. Foam. Carbon dioxide (CO2). Water spray, fog or mist. No unusual fire or explosion hazards noted.

6. Accidental release measures

Emergency Procedures	Follow precautions for safe handling described in this safety data sheet. For personal protection, see section 8. Observe good chemical hygiene practices.
Methods and materials for containment and cleaning up	Collect and reclaim or dispose in sealed containers in licensed waste. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Should be prevented from entering drains.
Environmental Precautions	Avoid release to the environment. To prevent release, place container with damaged side up.

7. Handling and storage

Precautions for Safe Handling	Observe good chemical hygiene practices. Avoid handling which leads to dust formation. Avoid inhalation of dust and contact with skin and eyes.
Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool and well-ventilated place. Store separated from: Alkalis. Oxidising material. Aluminium
Storage Regulations	Unspecified storage.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection	The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.
Occupational exposure limit values	No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts not otherwise specified is 10 mg/m3.
Appropriate engineering controls	Provide sufficient ventilation for operations causing dust formation.
Respiratory Protection	Wear respirator if there is dust formation. No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m3.
Eye Protection	Wear approved safety goggles.
Hand Protection	Selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used, consult your supplier. It has been found that gloves made from rubber, neoprene or PVC provide short-term splash protection.
Body Protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene Measures	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Form	Powder.
Appearance	White.



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Odour	Slight.
Melting Point	>150°C
Boiling Point	Not available.
Solubility in Water	Soluble
Specific Gravity	Not available.
pH	10.5 - 11.5 @ 2.5%
Vapour Pressure	Not applicable.
Vapour Density (Air=1)	Not available.
Evaporation Rate	Not available.
Partition Coefficient: n-octanol/water	Not available.
Flash Point	Not available.
Auto-Ignition Temperature	Not available.
Explosion Limit - Upper	Not available.
Explosion Limit - Lower	Not available.
Explosion Properties	Scientifically unjustified.
Oxidising Properties	Does not meet the criteria for oxidising.

10. Stability and reactivity

Reactivity	No specific reactivity hazards associated with this product.
Chemical Stability	Stable under normal temperature conditions and recommended use.
Conditions to Avoid	In contact with metals generates hydrogen gas, which together with air can form explosive mixtures.
Incompatible Materials	Strong oxidising substances. Strong alkalis. Aluminium.
Hazardous Decomposition Products	Toxic gases/vapours/fumes of: Carbon dioxide (CO ₂). Carbon monoxide (CO). Aqueous solutions in contact with aluminium may produce hydrogen
Possibility of hazardous reactions	In the presence of moisture, the material is corrosive to aluminium, zinc and tin producing highly flammable hydrogen gas. Reacts vigorously with acids. Phosphates are susceptible to formation of highly toxic and flammable phosphine gas in the presence of strong reducing agents such as hydrides. Partial oxidation of phosphates by oxidising agents may result in the release of toxic phosphorous oxides. Avoid strong acids, acid chlorides, acid anhydrides and chloroformates. Avoid contact with copper, aluminium and their alloys.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Acute Toxicity - Oral	No data available.
Acute Toxicity - Dermal	No data available.
Acute Toxicity - Inhalation	No data available.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.



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Respiratory sensitisation	No data available.
Skin Sensitisation	Not a Skin Sensitiser
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive Toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration Hazard	No data available.
Serious eye damage/irritation	Irritating to eyes.
Respiratory Irritation	Irritating to respiratory system.
Skin corrosion/irritation	Irritating to skin.

12. Ecological information

Ecotoxicity	No data available.
Persistence and degradability	The product solely consists of inorganic compounds which are not biodegradable.
Mobility	The product is miscible with water. May spread in water systems.
Bioaccumulative Potential	The product does not contain any substances expected to be bioaccumulating. Partition coefficient: Not available.
Other Adverse Effects	No data available.
Other Information	Not Classified as PBT/vPvB by current EU criteria.

13. Disposal considerations

Disposal Considerations	Dispose of waste according to applicable local, state and federal regulations.
Waste Disposal	Waster treatment methods: Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point. Dispose of waste and residues in accordance with local authority requirements.

14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG.
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15. Regulatory information

Poisons Schedule	Not Scheduled
AICS (Australia)	All components of this material are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. Other Information

Contact Person/Point	An electronic version of this SDS is available at www.imcdgroup.com
Other Information	ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition



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AICS: Australian Inventory of Chemical Substances
 ASCC: Office of the Australian Safety and Compensation Council
 BCF: Bioconcentration Factor
 CAS number: Chemical Abstracts Service Registry Number
 CMR: Carcinogenic, Mutagenic or toxic to Reproduction
 DMEL: Derived Minimum Effect Level
 DNEL: Desired NO Effect Level
 EPA: Environmental Protection Agency
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially fire fighters
 IARC: International Agency for Research on Cancer
 IOELV: Indicative Occupational Exposure Limit Value
 LC50: Lethal Concentration, 50 percent
 LD50: Lethal Dose, 50 percent
 NICNAS: National Industrial Notification & Assessment Scheme
 NIOSH: National Institute for Occupational Safety & Health
 NOAEL: No Observed Adverse Effect Level
 NOEC: No Observed Effect Concentration
 NOS: Not otherwise specified
 NTP: National Toxicology Program (USA)
 OEL: Occupational Exposure Limit
 OSHA: Occupational Safety & Health Administration
 PBT: Persistent Bioaccumulative Toxic chemical
 PMCC: Pensky Martens Closed Cup
 PNEC: Predicted No Effect Concentration
 R-Phrase: Risk Phrase
 STEL: Short Term Exposure Limit
 STOT-SE: Specific Target Organ Toxicity (Single Exposure)
 STOT-RE: Specific Target Organ Toxicity (Repeated Exposure)
 SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons
 TWA: Time Weighted Average
 UN Number: United Nations Number
 vPvB: Very Persistent and Very Bioaccumulative
 WEEL: Workplace Environmental Exposure Level
 WEL-TWA: Workplace Exposure Limit, Time Weighted Average
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