



Material Safety Data Sheet

(Issued 28/08/09 in conformity with Schedule 4 of CHIP 3)

1. Identification of Product and Manufacturer

Name of Product:	FRESHCLEAN Multipurpose Cleaner
Supplier:	RJN Chemicals Ltd
Address:	Unit 6, Ridgeway Estate, Iver, Bucks. SL0 9HX
Telephone:	(00-44) 1753 655076
Fax:	(00-44) 1753 652983
Email:	info@freshclean.biz

2. Composition/Information on Components

Chemical Nature:	A microcrystalline powder consisting of a blend of non-caustic, inorganic alkalis. THESE SUBSTANCES ARE NOT INCLUDED IN THE LIST OF DANGEROUS SUBSTANCES (ANNEXE 1 OF THE DIRECTIVE 67/548EEC).
Supply Category:	Not Regulated
R:	Not Regulated

3. Identification of Risks

Inhalation	R27 Can be irritating to the respiratory tract. Can provoke a cough if inhaled.
Skin Contact	R38 Can be irritating to skin.
Eyes	R36 Can be irritating to eyes.
Ingestion	Can irritate the mouth, throat and alimentary Tract.

4. First Aid Measures

Inhalation	S22 Do not breathe dust, move subject into open air. Administer oxygen if breathing is difficult.
Ingestion	S39 Wear face protection if appropriate. DO NOT provoke vomiting. Rinse mouth with water, consult a doctor.
Eyes	R36 Can be irritating to eyes.
Contact with Eyes	S26 In case of contact with eyes, rinse Immediately with plenty of water and seek medical advice.
Contact with skin:	S36 Wear suitable protective clothing. S37 Wear suitable gloves.

5. Fire Fighting Measures

Method	Use a method appropriate to the environment of the fire e.g foam, powder, sand, or water spray.
--------	---

6. Accidental Release Matters

Safety Precautions	Wear appropriate Personal Protection Equipment.
Environmental Precautions	Prevent entry into drains and water courses. Do not create dust.
Clean up Procedures	Vacuum or sweep up, place in suitable labelled containers. Hold for waste disposal. Wash spill site with plenty of water after material has been taken up.

7. Handling and Storage

Handling	Good general ventilation.
Recommended procedures	Avoid unnecessary contact. Do not breathe dusts.
Storage	Temperature Range: Cool, Humidity Range: Dry. Keep away from Strong Acids and High Humidity.
Suitable Storage Media	Store in Original Containers.

8. Exposure Controls/Personal Protection

Exposure limits	10mg/c.m
total	5mg/c.m respirable 8hrs TWA Type EH40 guidance

Protective Measures

Respiratory	Type approved RPE for dusts if required
Hands	Gloves
Eyes	Protective goggles should be available if required
Skin	Overalls or similar protective clothing should be worn
Hygiene Measures	Always wash thoroughly after handling chemicals.

9. Physical and Chemical Properties

Appearance	White powder or granules.
Melting Point /Range	600 degrees C.+
pH (solution of 10%)	10.6
Flammability	Not flammable under normal conditions of handling and use.
Relative density	2.5gms/ml
Bulk Density	0.5 – 1.0gm/ml
Solubility in water	14.5g/100ml @ 25 degrees C.

10. Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High levels of Humidity

11. Toxicological Information

Effects	Low acute oral toxicity. The alkaline nature of the product may cause irritation of the eyes, skin and mucous membranes.
LD50	6500 mg/kg oral-rat

12. Ecological information

Effect on the environment	Product classified as zero hazard.
Mobility	Dissolves easily and can be carried into the soil by the rain.
Ecotoxicity	LC50 Daphnia Magna/24h:1550mg/1 LC50 Rainbow Trout/24h:768mg/1 LC50 Brown Shrimps/24h:3500mg/1

13. Disposal Considerations

Product	Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.
Container	As per product instructions above

14. Transport Information

Not Regulated for Transport.

15. Regulatory Information

Supply Label details	Ref CHIP 2
Label Name	FreshClean
Symbol	1
Risk Phrases	1 No risk or safety phrases stipulated.
Safety Phrases	1

15. Regulatory Information

TOSCA	All the ingredients comprising this material are included in the U.S. Toxic Substances Control Act Inventory Issue No. 1 dated 01/07/1993.
-------	--