



# MATERIAL SAFETY DATA SHEET

## Product Name: Extreme Clean

Classified as hazardous according to the criteria of Worksafe Australia.

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Issue date:- 6th March 2013

Supersedes issue dated:- 12th April 2011

### 1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

<b>Product Name</b>	Extreme Clean
<b>Product Use</b>	Liquid alkaline spray cleaner for removal of oil from aluminium filters
<b>Company Name</b>	Evolution Organics
<b>Address</b>	5 / 21 Carlo Drive Cannonvale. QLD. 4802.
<b>Emergency Tel.</b>	0437198732
<b>Telephone Number/fax</b>	Tel 0437198732 Fax: (07) 4948 1961

### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Product based on alkali salts and biodegradable detergents

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Sodium metasilicate pentahydrate	6834-92-0	10-15%
	Sodium nitrate	7631-99-4	5-10%
	Alkyl polyglycosides	110615-47-9	5-10%
	Water	N/A	Rem.

### 3.0 HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

Risk phrases:

R36/38 Irritating to eyes and skin

Safety phrases:

S2 Keep out of reach of children.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**Hazard Category** Irritating

**Symptoms & Effects** May dry skin on prolonged contact.

**Other Hazard Information:** Nil

### 4.0 FIRST AID MEASURES

<b>Inhalation</b>	Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce Vomiting. Seek medical attention. Never give anything by mouth to an unconscious person
<b>Eye</b>	Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
<b>Skin</b>	Wash affected areas with water.
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.



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### 5.0 FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire situation.
<b>Specific Hazards</b>	Nil.
<b>Precautions in connection with Fire</b>	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

### 6.0 ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.
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### 7.0 HANDLING AND STORAGE

<b>Handling</b>	Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed and bung in place.
<b>Storage</b>	Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

### 8.0 EXPOSURE CONTROLS, PERSONAL PROTECTION

<b>Exposure Limits</b>	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.
<b>Respiratory Protection</b>	Not necessary for the diluted product or when handling concentrate.
<b>Eye Protection</b>	Safety glasses.
<b>Hand Protection</b>	Plastic or rubber gloves recommended. Incidental skin contact is not harmful..
<b>Body Protection</b>	N/A.
<b>Eng. Controls</b>	N/A.
<b>Other information</b>	No Biological Limit Value allocated.

### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Water white low viscosity liquid
<b>Odour</b>	Neutral
<b>Boiling Point</b>	100°C
<b>Solubility in Water</b>	Completely soluble
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.19 @ 20 °C
<b>Physical State</b>	Liquid.
<b>pH</b>	12.5 (neat). 12 (1% soln)
<b>Flash Point</b>	Non flammable
<b>Flammability</b>	Non flammable
<b>Flammable Limits LEL</b>	Non flammable
<b>Flammable Limits UEL</b>	Non flammable

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### 10.0 STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Hazardous</b>	Will not occur.
<b>Polymerization</b>	
<b>Materials to Avoid</b>	Strong oxidizing agents. Strong mineral acids.
<b>Hazardous</b>	None known.
<b>Decomposition</b>	
<b>Products</b>	None known.
<b>Hazardous Reaction</b>	Not a fire hazard.

### 11.0 TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Not available
<b>Inhalation</b>	Ingredients are considered non hazardous when used as directed
<b>Ingestion</b>	Non Toxic. Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.
<b>Skin</b>	While irritating to skin, ingredients do not present any toxicological risk.
<b>Eye</b>	The concentrate may cause eye irritation . May cause eye soreness with incidental contact and possible tissue damage with persistent or prolonged contact.
<b>Chronic Effects</b>	No known adverse effects.

### 12.0 ECOLOGICAL INFORMATION

<b>Environ. Protection</b>	May be harmful to aquatic life in concentrate form. Not harmful to birdlife. .
<b>Mobility</b>	No data is available for this product.
<b>Persistence / Degradability</b>	No data is available for this product. Fully biodegradable
<b>Bioaccumulation</b>	No data is available for this product.
<b>Ecotoxicity</b>	No data is available for this product.

### 13.0 DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.



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### 14.0 TRANSPORT INFORMATION

<b>U.N. Number</b>	None allocated
<b>Proper Shipping Name</b>	None allocated
<b>DG Class</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Packing Group</b>	None allocated
<b>EPG Number</b>	None allocated
<b>IERG Number</b>	None allocated

### 15.0 REGULATORY INFORMATION

<b>Safety Phrase</b>	S2 Keep out of reach of children. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

### 16.0 OTHER INFORMATION

*This MSDS 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 MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

<b>Contact Person/Point</b>	Evolution Organics: Technical Manager 0437198732
<b>SDS History</b>	MSDS Creation: 6 <sup>th</sup> March 2013. (Replaces version dated 12th April 2011) ... End of MSDS...