



Material Safety Data Sheet

Product Name: SmartWasher®OzzyBooster™Microbial Enhancer

**SECTION I
IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name SmartWasher®OzzyBooster™Microbial Enhancer
Company Name Durst Industries Pty Ltd
Address 189 St Johns Road
Glebe 2037 NSW Australia
Emergency Tel. +61 2 9660 1755
Telephone/Fax Number Tel: +61 2 9660 1755 Fax +61 2 9692 0251
Web Address www.durst.com.au
Recommended use Bacterial inoculant for hydrocarbon degradation

**SECTION II
HAZARDS IDENTIFICATION**

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

**SECTION III
COMPOSITION/INFORMATION ON INGREDIENTS**

Composition, information on ingredients Hydrocarbon degrading mixed bacteria cultures in a liquid base
Ingredients

Name	CAS	Proportion
Ingredients determined not to be hazardous		100%

**SECTION IV
FIRST AID MEASURES**

EMERGENCY & FIRST AID PROCEDURES:

Eyes It is unlikely that emergency treatment will be required; if adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Seek medical attention if necessary.

Skin Wash with soap and water.

Ingestion It is unlikely that emergency treatment will be required; if adverse effects occur, treat symptomatically and seek medical attention if necessary.

Inhalation It is unlikely that emergency treatment will be required; if adverse effects occur, remove to fresh air and observe. Seek medical attention if necessary.

First Aid Facilities Normal washroom facilities.

Advice to Doctor Treat symptomatically.



**SECTION V
FIRE FIGHTING MEASURES**

Suitable Extinguishing Media	Non flammable liquid.
Hazards from Combustion Products	Will not combust.
Special Protective Equipment for fire fighters	Non flammable liquid.
Hazchem Code	None necessary.

**SECTION VI
ACCIDENTAL RELEASE MEASURES**

Emergency Procedures	In the event that this material is released or spilled, it can be washed into storm sewer with large quantities of water.
-----------------------------	---

**SECTION VII
HANDLING AND STORAGE**

Precautions for Safe Handling	No special precautions are required.
Conditions for Safe Storage	No special conditions are required.

**SECTION VIII
EXPOSURE CONTROLS/PERSONAL PROTECTION**

National Exposure Standards	No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC).
Biological Limit Values	No biological limit allocated.
Engineering Controls	Use with good ventilation.
Respiratory Protection	N/A Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
Eye Protection	It is recommended that safety glasses be worn when handling any industrial-use products. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 — Eye Protectors for Industrial Applications.
Hand Protection	It is recommended that rubber gloves be worn when handling any industrial-use products. Reference should be made to AS/NZS 2161.1: Occupational protective gloves — Selection, Use and maintenance.
Body Protection	N/A



**SECTION IX
PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Free-flow blue liquid
Odour	Low Odour
Melting Point	N/A
Boiling Point	100°C
Solubility in Water	Soluble
Specific Gravity	1.0
pH Value	7.0
Flash Point	Not Relevant
Auto-Ignition Temperature	Not Relevant
Flammable Limits-Lower	Not Relevant
Flammable Limits-Upper	Not Relevant
Vapour Pressure(mm Hg)	24.00 (approx.)

**SECTION X
STABILITY AND REACTIVITY**

Chemical Stability	Stable
Conditions to Avoid	N/A
Incompatible Materials	N/A
Hazardous Decomposition	N/A
Products Hazardous Reactions	Not Reactive
Hazardous Polymerization	Will not occur

**SECTION XI
TOXICOLOGICAL INFORMATION**

Inhalation	It is unlikely that emergency treatment will be required; if adverse effects occur, remove to fresh air and observe. Seek medical attention if necessary.
Ingestion	It is unlikely that emergency treatment will be required; if adverse effects occur, treat symptomatically and seek medical attention if necessary.



SMARTWASHER MANUAL

Skin	It is unlikely that exposure will require treatment because this product is considered a dermal non-irritant.
Eye	It is unlikely that exposure will require treatment because this product is considered a mild ocular irritant.
Chronic Effects	None

SECTION XII ECOLOGICAL INFORMATION

Ecotoxicity

Acute Studies

- Rat oral LD50 is greater than 5 g/Kg of body weight; as evidenced by no observed mortality after rats were dosed with 5 g/Kg at a concentration of 500 mg OzzyBooster of water and a dose volume of 10 ml/Kg of body weight.
- Rabbit dermal LD50 is greater than 2 g/Kg of body weight; as evidenced by no observed mortality after rabbits were exposed to test material applied to abraded and non-abraded occluded skin for 24 hours. No severe dermal effects were reported at the dose site.
- Eye irritation in rabbits was reported as slight. Highest observed scores out of a possible score of 110 were:

1 hour: 12;	24 hours: 8;	48 hours: 4;	72 hours: 4;	4 days: 2;	7 days: 2;
10 days: 2;	14 days: 2;				
- Rat inhalation of the test material at an average analytical exposure concentration of 1.2 mg/l of OzzyBooster (nominal concentration of 37 mg/l) for 6 hours produced no mortality.

**Persistence/
Degradability** Biodegradable

SECTION XIII DISPOSAL CONSIDERATIONS

**Disposal
Consideration** Dispose of waste in accordance with relevant local legislation.

SECTION XIV 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
U.N. Number	Not required
Proper Shipping Name	None allocated
D.G Class	None allocated
Hazchem Code	Not Relevant
Packing Group	None allocated

REV: NIL

DSW: 1070

DATE: 08/08/13

AUTHORISED BY

PAGE: 4 of 5



**SECTION XV
REGULATORY INFORMATION**

Poison Schedule Not Scheduled

**SECTION XV
REGULATORY INFORMATION**

Date of Preparation MSDS created: November 2008
Or last revision of Last Revision December 2012
MSDS

...End of MSDS...