

MATERIAL SAFETY DATA SHEET

OCTUS CORPORATION
MSDS No. OCTS-0103/E/90

1. Identification of the Substance and Company

Trade name: **OCTASE-90fX**
Company:
Manufacturer's Name : Octus Corporation
Address : VIP Center4F, 2-3-10KitahamaChuokuOsaka,591-8025, Japan
Emergency Telephone# : 81-6-6204-0821 / Fax#: 81-6-6204-0822
Date prepared : November 18, 2010

2. Composition / Ingredients

Protease, Lipase, Nonionic surfactant and Botanical factor

3. Hazards Identification

Hazardous ingredients: None

4. First Aid Measures

Eye contact : Immediately flush eyes with plenty of water. Get medical attention.
Skin contact: Flush affected skin with water.
Inhalation :Remove to fresh air and restore breathing
Ingestion :Give 1-2 glass of water. Get medical attention

5. Fire-fighting Measures

Extinguishing media : Carbon dioxide, foam, water fog
(No ignition in the normal conditions)

6. Accidental Release Measure

Personal precautions : No special requirements to wear protective clothing
Circumstances alter cases to wear glasses & gloves

7. Handling and Storage

Handling : Take care of no leakage during transportation
Storage : Avoid excessive heat and direct rays of the sun

8. Physical and Chemical Properties

Appearance & odor	: Brown liquid, slightly characteristic odor
Relative density	: Approx 1.076 (25 degree C)
Water solubility	: Soluble

9. Stability & Reactivity

Stability	: Stable in normal conditions, cooler preferable
Flash point	: None
Flammability	: None
Ignition point	: None

10. Toxicological Information

Acute oral toxicity	: LD50 \geq 5000mg/kg
Irritance to skin	: May cause skin irritation with high density

11. Ecological Information

Biodegradation	: Efficient degradation upto nearly 100%
Heavy metals	: None

12. Disposal Information

Disposal	: Desirable to dispose as industrial waste in case of large quantity
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13. Regulatory Information

Fire Laws	: Not applicable
Safety & Sanitary Regulations	: Not applicable
Poison Regulations	: Not applicable
Other Regulations	: Not applicable