



SOUTHERN HYDROCARBONS

An ISO –9001:2008 Certified Organization

R.S.No.:108/9B, PIPDIC Industrial Estate,
Kirumampakkam Village, Bahour Commune,
Pondicherry – 607 402.

MATERIAL SAFETY DATA SHEET OF ORI-ONE SIZE

Section 1 - Chemical Product & Company Identification

Chemical product : **ORI-ONE SIZE (Mixture of starch ester)**

Manufacturer : **SOUTHERN HYDROCARBONS**

Section 2 - Chemical /Information On Ingredients

Substance : Starch ester

Ingredients : Contributing to the hazard are absent

Section 3 - Hazard Identification

The chemical nature of this product does not give occasion to caution hazards for adverse human health & environmental effect, not irritant to eyes, skin etc.

Section 4 - First Aid Measures

Because it is inert material there is no reason to give proper instruction about first aid measures in relation to the product. A wash with water is advised in case of contact

Section 5 - Fire Fighting Measures

Extinguishing Media For : Standard media such as powder , foam or water are Suitable. The protection of fire fighters e.g. the Standard breathing apparatus should be used.

Section 6 - Accidental Release Measure

No special personal & environmental precautions are recommended.

Method of cleaning up : After spillage or leakage, remove the waste in dry form if possible, otherwise surface can be a slipping hazard.

Section 7 - Handling & Storage

Appropriate technical measure should be taken to dispose off dust by ventilation or vacuum cleaning. Anyhow avoid excessive raising of dust of loose material. Therefore regular removing of deposit of dust is recommended. Specific incompatible materials have not to be stated.

Store the product cool & dry, protected extreme weather condition. For separation of incompatible material during storage if appropriate keep the packaging well closed & round.



SOUTHERN HYDROCARBONS

An ISO –9001:2008 Certified Organization

R.S.No.:108/9B, PIPDIC Industrial Estate,
Kirumampakkam Village, Bahour Commune,
Pondicherry – 607 402.

Section 8 - Exposure Controls/Personal Protection

In case of raising dust the use of breathing protection is recommended.

Section 9 - Physical & Chemical Properties

Form	:	Powder
Colour	:	Off white
pH	:	Neutral
Odour	:	Natural
Change in physical stage	:	No change in solid state till process of combustion
Flash point	:	No development of volatile & inflammable vapour till process of combustion
Explosion properties	:	This product has no explosion properties
Solubility in water	:	Colloidal dispersible in hot water (90°C)

Section 10 - Stability & Reactivity

This product loses its original microscopical structure of granule by swelling in water during heating from 70 °C.

There is no thermal decomposition if used as directed.

In case of complete combustion, the decomposition product CO₂ & water are formed.

Section 11 - Toxicological Information

The product is nontoxic & does not contain ingredient, which can be considered as such.

Carcinogenicity	:	Nil
Mutagenicity	:	Nil
Reproductive toxicity	:	Nil
Irreversible effect	:	Nil
Harm to unborn child	:	Nil
Oral Toxicity (LD50)	:	> 5000 mg/kg

Section 12 - Ecological Information

The product is expected to be readily biodegradable & non eco-toxic under normal Circumstances. Standard methods are to be developed & carried in due time.

Biodegradability	:	68%
Aquatic toxicity (LC50)	:	>200 mg/l
PCP Content	:	Nil
APEO	:	Absent
Heavy metals	:	Absent
Formaldehyde	:	Absent
Blacklisted item	:	Absent



SOUTHERN HYDROCARBONS

An ISO –9001:2008 Certified Organization

R.S.No.:108/9B, PIPDIC Industrial Estate,
Kirumampakkam Village, Bahour Commune,
Pondicherry – 607 402.

Section 13 - Disposal Information

Taking into consideration, the local authority regulation it may be land filled or incinerated together with household refuse.

Section 14 - Transport Information

This product is not classified as dangerous goods according to the international regulations for transport by land, in land waterways, sea & air.

Further Information : This product can be declared as starch (Modified).

Section 15 - Regulatory information

Generally this product is not subjected to the regulation of mandatory handling; however take into consideration the possible existence of local regulations.

Section 16 – Other information

This material safety data sheet is according to the directives of GHS (Global Harmonized System).

Disclaimer: The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it rates. The requirement or recommendation of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product shall take precedence over any of the guidance contained in the safety data sheet where there is a difference in the information given. The information provided in the safety data sheet is accurate at the date of publication and will be updated as and when appropriate.