

CORTIS SHT 200



Lubricación



Aceite para partes móviles operando a altas temperaturas.

APLICACIONES

Partes móviles operando a muy alta temperatura.

- ◆ **CORTIS SHT** es un aceite sintético que está particularmente adecuado para la lubricación de partes móviles operando a muy altas temperaturas.
- ◆ Cadenas de rodillos, rodillos transportadores y levas operando en hornos.
- ◆ Fabricación de envases de vidrio
- ◆ Cadenas y barras en maquinas de producción continua de paneles de madera.

VENTAJAS

- ◆ Asegura una continua lubricación de mecanismos a altas temperaturas hasta 240°C.
- ◆ Provee excelente protección a las partes metálicas en movimiento operando en alta temperatura: propiedades antidesgaste mejoradas para alta temperatura.
- ◆ Sin formación de depósitos duros, difíciles, gomas ó barniz a alta temperatura: excelente estabilidad térmica.
- ◆ Asegura una magnifica limpieza en los circuitos de lubricación y partes lubricadas: muy buena propiedad de detergencia cuando está caliente.
- ◆ Muy buenas propiedades anti corrosión. Protección de partes metálicas.

CARACTERISTICA	METODO	CORTIS SHT 200
Densidad a 15°C, kg/m3	ISO 3675	955
Viscosidad a 40°C, cSt	ISO 3104	195
Viscosidad a 100 °C, cSt	ISO 3104	18.5
Indice de viscosidad	ISO 2909	105
Punto de escurrimiento °C	ISO 8016	-33
Punto de inflamación (COC), °C	ISO 2592	265
Contenido de cenizas % en peso	ISO 6245	0.10

Los valores típicos mostrados representan un promedio de resultados

CORTIS SHT_V28112014

Total México S.A de C.V

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TOTAL LUBRICANTS DIVISION
MATERIAL SAFETY DATA SHEET

TOTAL CORTIS SHT 200

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY / UNDERTAKING

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION:

TOTAL CORTIS SHT 200
High temperature furnace chain oil

GENERAL IDENTIFICATION: **Total Oil (Great Britain) Ltd**
Lubricants Division
Pottery Lane
Ferrybridge
West Yorkshire WF11 8JY

EMERGENCY TELEPHONE NO: 01977 636200

2 COMPOSITION / INFORMATION ON INGREDIENTS:

Synthetic based product blended with selected additives.

3 HAZARDS IDENTIFICATION

On the basis of our knowledge of the base fluids and on the recommendations of the manufacturers of the additives used, this oil is unlikely to be hazardous to man in normal use.

In the environment this oil is likely to biodegrade slowly, little danger for aquatic or land-living organisms indicated.

4 FIRST AID MEASURES

TYPE OF EXPOSURE

Ingestion

Harmless if swallowed in small amounts - larger quantities may cause nausea and diarrhoea.

Skin

Unlikely to cause irritation, but prolonged or frequent contact may cause irritation which could result in dermatitis.

Eyes

May cause minor irritation with short-term redness and stinging.

Inhalation

Unlikely to be irritant.

FIRST AID MEASURES

Ingestion

Wash mouth out with water. Do not induce vomiting because of the danger of aspiration. If aspiration occurs or is expected get immediate medical advice.

Skin

Wash skin as soon as possible with soap and water. Change contaminated clothing and launder before reuse.

Eyes

Wash out thoroughly with water. If redness and/or irritation continues get medical advice.

Inhalation

If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.

5 FIRE-FIGHTING MEASURES

Extinguish with dry powder, foam, sand or earth. For small fires use CO₂.

Do not tackle fires with water. Water may be used to cool the area surrounding fires.

Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

May cause slippery surfaces.

Contain spillage - do not wash spillage down drain. Absorb using absorbent clay, sand or other suitable absorbent. Report any escape to public drainage or water courses to Local Authority and Fire Brigade.

7 HANDLING AND STORAGE

7.1 Handling

Skin contact should be kept to a minimum and good hygiene standards maintained. If prolonged or repeated contact is likely **PROTECTIVE CLOTHING**, as detailed in Section 8 **SHOULD BE WORN** when handling these products.

7.2 Storage

Drums should be stored on their sides on racks preferably under cover, out of direct sunlight, in well ventilated conditions.

Other types of containers should be stored under cover out of direct sunlight in well ventilated conditions. Care should be taken to avoid over-stacking.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

As with all mineral oil based products keep skin contact to a minimum and ensure good hygiene standards. Avoid contact with used engine oil (see Section 16).

Respiratory protection - Unlikely to be required in normal use. Note occupational exposure limits for Oil Mist (HSE Guidance Note EH 40/ Latest Issue).

Long term exposure limit - (8 hour TWA reference period) 5 milligrams per cubic metre.

Short term exposure limit - (15 minute reference period) - 10 milligrams per cubic metre.

Hand and skin protection - If contained or repeated exposure is likely **PROTECTIVE CLOTHING SHOULD BE WORN** including gloves (nitrile rubber or neoprene).

Eye protection - Eye protection should be worn if splashing is likely.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear green liquid
Density at 15 °C kg/l	0.960
Flash Point (COC) °C	>250
Viscosity at 40 °C cSt	205

10 STABILITY AND REACTIVITY

Conditions to Avoid - Excess heat can lead to decomposition of the constituent additives with evolution of oxides of carbon, sulphur, nitrogen, phosphorous.
Materials to Avoid - May react with strong oxidising materials.
Hazardous Decomposition Products - Oxides of carbon, sulphur, nitrogen, phosphorous, particulate matter, unburnt hydrocarbons, polycyclic hydrocarbons and unidentified organic and inorganic compounds. With incomplete combustion - carbon monoxide.

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

- Inhalation: Risk is improbable under normal conditions of use.
- Contact with skin: Harmless
- Ingestion: Harmless

Local Effects:

- Inhalation: Strong concentrations of vapour and spray may be irritating to respiratory tract and mucous membranes.
- Contact with skin: Not irritating
- Contact with eyes: Not irritating

Sensitisation:

- Contact with skin: not allergenic

Chronic toxicity or long term toxicity:

- Inhalation: Vapour and spray may be irritate the respiratory tract and mucous membranes.
- Contact with skin: Characteristic skin infections (oil blisters) may develop following prolonged and repeated exposure through contact with contaminated clothing.

Special effects:

- Carcinogenicity: Not carcinogenic.

12 ECOLOGICAL INFORMATION

No information available but can be expected to biodegrade slowly.

13 DISPOSAL CONSIDERATIONS

Disposal - by incineration or by methods approved by Local Authority.

14 TRANSPORT INFORMATION

Not applicable - non-hazardous.

15 REGULATORY INFORMATION

Not classified according to EEC Directives 67/548/EEC and 88/379/EEC.

16 OTHER INFORMATION

When used, oil becomes contaminated. Avoid prolonged and repeated skin contact and wash immediately after such contact. Do not dispose of used engine oil in drains, soil or water.

Further Information can be found in Health and Safety Executive Publications a list of which may be made available on request.

Liability

The information contained in this data sheet is accurate to the best of TOTAL OIL GREAT BRITAIN Limited's knowledge. It applies only to the products designated herein and supplied by TOTAL OIL GREAT BRITAIN Limited. The customer is strongly advised to observe and ensure that its employees and customers observe all directions contained herein, however neither TOTAL OIL GREAT BRITAIN Limited, accepts any liability whatsoever (other than liability in respect of matters referred to in Section 2 Unfair Contract Terms Act 1977 and in Section 7 Consumer Protection Act 1987) arising out of the use of the information or the use adaptation or processing of the products designated herein.

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