

CHONGQING JUZHNSCIE&TECHNOLOGY DEVELOPMENTCO.LTD
ROOM15-1 BLOCKCNO.200KEYUANNO.1ROAD JIU LONGPODISTRICTCHONGQING

SGS Job No. : CQ17086381EC
Sample Name : SF10W-30 GASOLINE ENGINE OIL
End Uses : Engine cooling and lubrication of seals
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : 27 May 2016
Last Information Date : 01 Jun 2016
SDS Preparation Period : 27 May 2016 – 03 Jun 2016

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Zm guan
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing and Calibration Laboratory

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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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Safety Data Sheet

29 CFR 1910.1200





Printing date 06/03/2016

Reviewed on 06/03/2016

1 Identification

- **Product identifier**
- **Trade name:** SF10W-30 GASOLINE ENGINE OIL
- **Recommended use of the chemical and restrictions on use:**
- **Application of the substance / the preparation:** Engine cooling and lubrication of seals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** CHONGQING JUZHNSCIE&TECHNOLOGY DEVELOPMENTCO.LTD
- **Full address:** ROOM15-1 BLOCKCNO.200KEYUANNO.1ROAD JIU LONGPODISTRICTCHONGQING
- **Phone number:** +86-023-68966858
- **Email:** CQJZKY@163.COM
- **Other US contact point:**
Customer Service Manager/Caterpillar Newberry LLC
Electric Power Division,284 Mawsons Way,SC 29108-6400.
Tel: (844)-797-6387
E-mail: homeandoutdoorpower@cat.com
- **Further information obtainable from:**
CHONGQING JUZHNSCIE&TECHNOLOGY DEVELOPMENTCO.LTD
- **Emergency telephone number:**
Poison Center
Tel: +1 800 222 1222
+86-13996309591 Luo Xiaoying
- **Reference Number:** CQ17086381EC, CANEC1610010201

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
-  GHS08 Health hazard
Carc. 1B H350 May cause cancer.
-  GHS07
Eye Irrit. 2A H319 Causes serious eye irritation.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms**
- 


GHS07 GHS08
- **Signal word** Danger
- **Hazard-determining components of labeling:**
Petroleum

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· Hazard statements
H319 Causes serious eye irritation.
H350 May cause cancer.
· Precautionary statements
P280 Wear eye protection / face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
· Hazards not otherwise classified (HNOC) No further relevant information available.

3 Composition/information on ingredients

· Chemical characterization: Mixtures
· Description:
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to Section 16.
· Composition:

8002-05-9	Petroleum	Carc. 1B, H350	96.699%
26264-06-2	calcium dodecylbenzenesulphonate	Eye Dam. 1, H318; Skin Irrit. 2, H315	2.5%
128-37-0	2,6-di-tert-butyl-p-cresol		0.8%
63148-62-9	Dimethyl siloxane		0.001%

4 First-aid measures

· Description of first aid measures
· After inhalation: Supply fresh air; consult doctor in case of complaints.

· After skin contact: Generally the product does not irritate the skin.

· After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing: If symptoms persist consult doctor.

· Most important symptoms and effects, both acute and delayed No further relevant information available.

· Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

· Suitable extinguishing agents: Use fire fighting measures that suit the environment.

· Special hazards arising from the substance or mixture: No further relevant information available.

· Special protective equipment and precautions for firefighters
· Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures: Not required.

· Environmental precautions: Do not allow to enter sewers/ surface or ground water.

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- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

8002-05-9 Petroleum (96.699%)

PEL (USA) Long-term value: 2000 mg/m³, 500 ppm

REL (USA) Long-term value: 350 mg/m³
Ceiling limit value: 1800 mg/m³
*15-min.

TLV (USA) Rubber solvent TLV withdrawn

128-37-0 2,6-di-tert-butyl-p-cresol (0.8%)

REL (USA) Long-term value: 10 mg/m³

TLV (USA) Long-term value: 2* mg/m³
*as inhalable fraction and vapor

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.**
- **Appropriate engineering controls:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **General Information**

- **Appearance:**

Form:	Liquid
Color:	Transparent
Odor:	Non-pungent
Odor threshold:	Not available

- **pH-value:** Not available

- **Change in condition**

Melting point/Melting range:	Not available
Freezing point:	Not available
Boiling point/Boiling range:	Not available

- **Flash point:** 220 °C (428 °F)

- **Flammability (solid, gaseous):** Not available

- **Auto-Ignition temperature:** Not available

- **Decomposition temperature:** Not available

- **Explosion limits:**

Lower:	Not available
Upper:	Not available

- **Vapor pressure:** Not available

- **Density:** 0.865 g/cm³ (7.218 lbs/gal)

- **Relative density** Not available

- **Vapor density** Not available

- **Evaporation rate** Not available

- **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not available

- **Viscosity:**

Dynamic:	Not available
Kinematic:	Not available

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· **Other information** *No further relevant information available.*

10 Stability and reactivity

- **Reactivity:** *Data not available*
- **Chemical stability:** *Data not available*
- **Possibility of hazardous reactions:** *No dangerous reactions known.*
- **Conditions to avoid:** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *Hazardous decomposition products formed under fire conditions.*

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** *Not available*
- **Skin corrosion/irritation:** *Irritating effect possible.*
- **Serious eye damage/irritation:** *Irritating effect.*
- **Respiratory or skin sensitization:** *Sensitization possible.*
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
 Irritant
 Carcinogenic.
- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

8002-05-9	Petroleum	3
128-37-0	2,6-di-tert-butyl-p-cresol	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **Persistence and degradability:** *No further relevant information available.*
- **Bioaccumulative potential:** *No further relevant information available.*
- **Mobility in soil:** *No further relevant information available.*
- **Other adverse effects** *No further relevant information available.*

USA

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|--|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Label | - |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· Section 355 (extremely hazardous substances):
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None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):
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None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

26264-06-2	calcium dodecylbenzenesulphonate
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128-37-0	2,6-di-tert-butyl-p-cresol
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63148-62-9	Dimethyl siloxane
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· Proposition 65

· Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:
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None of the ingredients is listed.

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· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

128-37-0 2,6-di-tert-butyl-p-cresol

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations:**

· **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

· **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

16 Other information

· **Relevant hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H350 May cause cancer.

· *****

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g)

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· **Date of preparation / last revision 06/03/2016 / -**

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Carc. 1B: Carcinogenicity – Category 1B

· *****

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