

SURFAC 503 (SURFTREAT 503)

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Substance key: 000000465258

Revision Date: 11/28/2017

Version : 1 - 1 / CDN

WHMIS controlled: yes
Class: B2
D2A
D2B

Section 01 - Product and company identification

Identification of the company: Clariant (Canada) Inc.
2 Lone Oak Court
Toronto, Ontario M9C 5R9,

Emergency Phone Number: 306-634-3411

Trade name: SURFTREAT 503
Material number: 280884
Chemical family: Mixture
Primary product use: Surfactant

Section 02 - Hazards identification

Health effects of exposure:

Flammable
Toxic by ingestion
Toxic by inhalation and in contact with skin.
Irritating to eyes and skin.
Methanol: toxic by ingestion, inhalation and skin contact. Danger of very serious irreversible effects through ingestion, inhalation and skin contact including blindness. Highly flammable. Teratogen.

Listed carcinogen: NTP - National Toxicology Program Report: Not listed

International Agency for Research on Cancer (IARC) - Overall Evaluations of Carcinogenicity to Humans.: Not listed

OSHA Specifically Regulated
Chemicals/Carcinogens: Not listed

Section 03 - Composition/information on ingredients

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Hazardous ingredients:

Component	CAS number	Concentration
Methyl alcohol	67-56-1	15 - 40 %
Oxyalkylated alkylphenol		15 - 40 %

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Loosen tight clothing such as collar, tie, belt or waistband. If breathing is difficult administer oxygen. If victim is not breathing, give mouth to mouth resuscitation. Get prompt medical attention. Warning: giving mouth to mouth resuscitation when the inhaled material is toxic may be hazardous to the person providing aid.

After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After ingestion:

If swallowed, DO NOT induce vomiting.
Get immediate medical advice/ attention.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: 28 °C

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Cool containers/tanks with water spray.

Special fire fighting procedure:

Wear full protective clothing and self-contained breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Cool endangered containers with water spray jet.

Hazardous combustion products:

In case of fire hazardous decomposition products may be produced such as:

Carbon monoxide

Carbon dioxide (CO₂)

Burning produces noxious and toxic fumes.

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Section 06 - Accidental release measures

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Steps to be taken in case of spill or leak:

Only trained personnel should be involved in spill operations. Wear suitable protective equipment. Ensure adequate ventilation. Remove all ignition sources. Contain spill and pump into proper containers using explosion-proof equipment. Smaller spills may be recovered using an inert non-combustible absorbent material (sand, kieselguhr) and collected into suitable containers. Do not use organic absorbent material. Containers in which spilt substance has been collected must be properly labelled. Spill may be covered with an appropriate foam to hinder the formation of explosive vapours. Wash spill area. Do not allow to enter sewers, storm drains, surface waters or the soil.

Section 07 - Handling and storage

Advice on safe handling:

Keep away from heat, sparks and open flames. - Avoid breathing vapors or contact with skin, eyes, and clothing.- Use only with adequate ventilation and proper protective eyewear, face shield, gloves and clothing. Wash thoroughly after handling. Keep container closed.

Further info on storage conditions:

Keep containers tightly closed in a cool, well-ventilated place.
Handle and open container with care.
Keep away sources of ignition.

Section 08 - Exposure controls / personal protection

Occupational exposure limits:

Component	CAS number	Regulatory list	Type of value	Value 1	Value 2
Methanol	67-56-1	USA. ACGIH Threshold Limit Values (TLV)	8-hour, time-weighted average	200 ppm	
Methanol	67-56-1	USA. ACGIH Threshold Limit Values (TLV)	Short-term exposure limit	250 ppm	

Respiratory protection:

Wear an approved respirator when exposed to vapours or to mists beyond the TLV. Use appropriate filters. Do not exceed filters limitations. TLV = Threshold Limit Value

Hand protection:

Butyl Rubber, PVC or Neoprene

Eye protection:

Safety goggles
Face-shield

Other protective equipment:

The use of impervious coveralls and boots is highly recommended when handling this product.

Advice on system design:

Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

Form:

Liquid

Color:

Clear, yellow

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Odor:	pungent
pH:	6 - 8
Solubility in water:	soluble
Density:	0.95 - 0.99 g/cm ³ (20 °C)
Freezing point :	-40 °C

Section 10 - Stability and reactivity

Hazardous Polymerization:	Hazardous polymerisation does not occur.
Incompatibility with (Conditions to avoid) :	Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

Section 11 - Toxicological information

Skin irritation:	irritating The product has not been tested. The information is derived from the properties of the individual components.
Eye irritation:	irritating The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:

Remarks:

A component of the product is toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Section 13 - Disposal considerations

Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 - Transport information

TDG

Proper shipping name:	Flammable liquid, n.o.s.
Class:	3
Packing group:	III
UN/ID number:	UN 1993
Primary risk:	3
Remarks:	Shipment permitted
Hazard inducer(s):	Methanol

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IATA

Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN/ID number: UN 1993
Primary risk: 3
Remarks: Shipment permitted
Hazard inducer(s): Methanol

IMDG

Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN no.: UN 1993
Primary risk: 3
Hazard inducer(s): Methanol
E m S: F-E S-E

Section 15 - Regulatory information

Registration status

DSL: yes
NDSL: no
All components of the product are listed on the DSL/Canada.

CEPA

Listed as toxic substance: Not listed
Listed as priority substance: Not listed

NPRI

Listed

FDA:

This product is not registered with the FDA.

Section 16 - Other information

WHMIS



Flammable
Causes eye, skin, and respiratory tract irritation. Harmful if swallowed or if inhaled
Harmful if absorbed through skin.

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