

MATERIAL SAFETY DATA SHEET
GENAPOL G 260Substance key: CLT240108-V1
Version : 1 - 2 / USARevision Date: 12/20/2006
Date of printing :12/21/2006**Section 01 - Product Information****Identification of the company:**Clariant Corporation
4000 Monroe Road
Charlotte, NC, 28205
Telephone No.: +1 704-331-7000**Information of the substance/preparation:**Functional Chemicals
Product Safety 1-704-331-7710**Emergency tel. number:** +1 800-424-9300(CHEMTREC)**Trade name:** GENAPOL G 260
CAS number: 31694-55-0
Primary product use: Surfactant
Chemical family: Ethoxylated Glycerine**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**None under 29 CFR 1910.1200
None under Title III of SARA**Section 03 - Hazards identification****Expected Route of entry:****Inhalation:** no
Skin contact: yes
Eye contact: yes
Ingestion: no
Skin absorption: no**Health effects of exposure:**

Based on animal studies of a product or products of similar composition, this product is expected to be a non-irritant to eyes and skin.

Known effects on other illnesses: No known effects on other illnesses for this product.**Listed carcinogen:** IARC: No
NTP: No
OSHA: No
Other: No**HMIS:**

Health: 1 Flammability: 1 Reactivity: 0 Personal protection: C

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Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

After ingestion:

If ingested, seek medical assistance immediately.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: > 212 °F

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Self ignition: Not applicable

Ignition temperature: not determined

Hazardous combustion products:

Thermal decomposition may produce oxides of carbon.

Extinguishing media: Alcohol resistant foam
carbon dioxide
Dry Chemical
Water / Fog Spray

Special fire fighting procedure:

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.

Section 07 - Handling and storage

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Advice on safe handling:

Avoid getting on skin or in eyes when handling product.

Further info on storage conditions:

Keep containers closed.

Section 08 - Exposure controls / personal protection

Respiratory protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
Hand protection:	Butyl Rubber, PVC Or Neoprene.
Eye protection:	Safety glasses or chemical splash goggles.
Other protective equipment:	Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled.
Advice on system design:	Local ventilation recommended - mechanical ventilation may be used.
IDLH:	Not Determined

Section 09 - Physical and chemical properties

Form:	Liquid, viscous
pH:	6 - 7 (50 g/l)
Solubility in water:	soluble
Density:	1.24 g/cm ³
Freezing point :	44 °F
Boiling point :	> 392 °F
Bulk density:	Not applicable
Partitioning coef. octanol/water:	< 1

Section 10 - Stability and reactivity

Thermal decomposition:	351 °C
Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.

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Conditions to avoid: Keep away from heat and flames. Avoid contact with oxidizing materials.

Section 11 - Toxicological information**Product information:**

Acute oral toxicity: LD50 > 10,000 mg/kg (rat)
Source: Analogy
By analogy with a similar product.

Skin irritation: non-irritant
Source: Analogy

Eye irritation: non-irritant
Source: Analogy

Section 12 - Ecological information**Product information:**

Biodegradation: 52 % (28 d)
Method: OECD 301 B
Source: Analogy
By analogy with a similar product.

Fish toxicity: LC50 > 100 mg/l (96 h, zebra fish)
Method: OECD 203
Source: Analogy
By analogy with a similar product.

Bacteria toxicity: EC50 > 10 g/l
Method: OECD 209
Source: Analogy
By analogy with a similar product.

Remarks:**Section 13 - Disposal considerations****Waste disposal information:**

Recommended disposal is by incineration in approved facilities.

RCRA hazardous waste:No -- Not as sold.
RCRA number: NONE**Section 14 - Transport information**

DOT not restricted

IATA not restricted

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IMDG not restricted

Section 15 - Regulatory information**TSCA Status:**

All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive hazard:	no
Pressure hazard:	no
Fire hazard:	no
Immediate/acute:	no
Delayed/chronic:	no

SARA 313 information:

This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act:

Contains no known priority pollutants at concentrations greater than 0.1%.

Volatile organic compounds VOC:

Remarks: Not Available

FDA:

This product is not registered with the FDA.

Section 16 - Other information**Other precautions:**

This product may contain trace amounts of Ethylene Oxide (75-21-8) which may accumulate in the headspace of shipping and storage containers and in enclosed areas where the product is handled or used and as such may be regulated by OSHA's Ethylene Oxide standard (29 CFR 1910.1047). Ethylene Oxide is listed as a human carcinogen by OSHA; and a potential human carcinogen by NTP and IARC. At excess levels, Ethylene Oxide may present reproductive, mutagenic, genotoxic, neurologic, and sensitization hazards in humans. Users should monitor personnel to determine levels of exposure and take appropriate action to protect employees and to comply with the OSHA standard. OSHA Ethylene Oxide exposure limit: OSHA Action level: 0.5 ppm for 8-hr twa. OSHA Permissible Exposure limit: 1 ppm for 8-hr twa. OSHA Excursion limit: 5 ppm for 15 minutes. ACGIH Threshold Limit value for Ethylene Oxide: 1 ppm for 8-hr twa.

Label information:

ATTENTION!

UPON EVALUATION, IT HAS BEEN DETERMINED THAT THIS PRODUCT IS NOT SUBJECT TO THE LABELING REQUIREMENTS OF OSHA REGULATION 29CFR 1910.1200.

Good work practices dictate that care be taken to avoid skin and eye contact and ingestion. Washing after handling is advised.

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