

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

1 Identification**Product identifier**Trade name: OPTEVA ESE 3869

SDS ID Number: 1725

Relevant identified uses of the substance or mixture, and uses advised against:
Specialty construction product. Not intended for other uses.**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**GCP Applied Technologies
2325 Lakeview Pkwy
Alpharetta GA 30009 USAGCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada**Information department:**Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com**Transport Emergency:** Chemtrec +1-800-424-9300 (24 hours)**2 Hazard(s) identification****Classification of the substance or mixture**

Harmful if swallowed.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)**Hazard pictograms**

Warning

Hazard statements

Harmful if swallowed.

Precautionary statements

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description:**NFPA ratings (scale 0 - 4)**Health = 1
Fire = 1
Reactivity = 0

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: **OPTEVA ESE 3869**

(Cont. from page 1)

HMIS-ratings (scale 0 - 4)

HEALTH 1

Health = 1

FIRE 1

Flammability = 1

REACTIVITY 0

Reactivity = 0

Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Mixture****Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.**Hazardous components:**

111-46-6	Diethylene glycol	22-<30%
107-21-1	Ethylene glycol	1-<3%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.**4 First-aid measures****Description of first aid measures****General information:** Get medical advice/attention if you feel unwell.**After inhalation:**

If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF INHALED: Call a doctor if you feel unwell.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:

Rinse cautiously with water for several minutes.

Seek immediate medical advice.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:**Most important symptoms and effects, both acute and delayed** Harmful if swallowed.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.**5 Fire-fighting measures****Extinguishing media****Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

(Cont. on page 3)

USGHS

Trade name: **OPTEVA ESE 3869**

(Cont. from page 2)

Special hazards arising from the substance or mixture

Combustion products may include toxic gases such as carbon monoxide and smoke.

Advice for firefighters

Protective equipment: Wear personal protective equipment.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Avoid contact with eyes, skin and clothing.

Do not take internally.

Practice good personal hygiene to avoid ingestion.

Use only with adequate ventilation.

Wash clothing before reuse.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

111-46-6 Diethylene glycol

WEEL (USA)	Long-term value: 10 mg/m ³
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107-21-1 Ethylene glycol

EL (Canada)	Short-term value: 20* mg/m ³ Long-term value: 10* mg/m ³ Ceiling limit value: 100* mg/m ³ , 50** ppm *total, aerosol only; **Vapour
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(Cont. on page 4)

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: **OPTEVA ESE 3869**

(Cont. from page 3)

EV (Canada)	Ceiling limit value: 100 mg/m ³
TLV (USA)	Short-term value: 10** mg/m ³ , 50* ppm Long-term value: 25* ppm *vapor fraction:**inh. fraction, aerosol only, A4
WEEL (USA)	I (2)

Additional information:

The lists that were valid during the creation were used as basis.
Canadian employers must consult the exposure limits in their province.

Exposure controls**Personal protective equipment:**

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Rubber or other impervious gloves should be worn to prevent skin contact.

Eye protection:

Safety glasses with side shield protection.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not applicable.

pH-value (~) at 20 °C (68 °F): 10

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 290 °C (554 °F)

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: **OPTEVA ESE 3869**

(Cont. from page 4)

Decomposition temperature:	Not applicable under normal storage conditions.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.

Explosion limits:	
Lower:	Not applicable.
Upper:	Not applicable.

Vapor pressure:	Not determined.
Density: (~) at 20 °C (68 °F)	1.1 g/cm ³ (9.2 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not applicable.

Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
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Partition coefficient (n-octanol/water):	Not determined.
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Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not determined.

Other information	No further relevant information available.
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10 Stability and reactivity

Reactivity

Stable under normal conditions.
No further relevant information available.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known.
No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

107-21-1 Ethylene glycol

Dermal	LD50	3,550 mg/kg (mouse)
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Primary irritant effect:

on the skin: No irritating effect expected

on the eye: No irritating effect expected

inhalation: No irritating effect expected

Ingestion: Harmful if swallowed.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: **OPTEVA ESE 3869**

(Cont. from page 5)

Additional toxicological information:**Carcinogenic categories**

IARC (International Agency for Research on Cancer) Human Carcinogenicity:
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

111-42-2 | Diethanolamine

2B

NTP (National Toxicology Program)**K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic**

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

12 Ecological information**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Disposal methods:**

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**14 Transport information****UN-Number****Remarks:****DOT**

Not DOT regulated in drums/totes.

UN3082 when RQ is exceeded.

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: *OPTEVA ESE 3869*

(Cont. from page 6)

IMDG, IATA

Not applicable.

UN proper shipping name

Remarks:

Not DOT regulated in drums/totes.

DOT

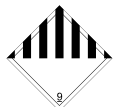
Environmentally hazardous substance, liquid, n.o.s. (Diethanolamine)

IMDG, IATA

Not applicable.

Transport hazard class(es)

DOT



Class

9 Miscellaneous

Label

9

Remarks:

Bulk shipments above 2300 gallons exceeding the reportable quantity for Diethanolamine (RQ=100pounds) are regulated as HazMats.

IMDG, IATA

Class

Not applicable.

Packing group

DOT

III

IMDG, IATA

Not applicable.

Environmental hazards:

Marine pollutant:

No

Special precautions for user

Not applicable.

Transport/Additional information: Not classified as a dangerous good for transport by road, rail or air.

DOT

Remarks:

Not Regulated.

UN "Model Regulation":

Not applicable.

15 Regulatory information**Other regulations in domestic and foreign countries**

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

107-21-1 Ethylene glycol

1.2%

SARA Section 312/Tier I & II Hazard Categories: Health Hazard - Acute toxicity (any route of exposure)

North America Chemical Inventory Status**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

7732-18-5 Water

6712-98-7 Diethanolisopropanolamine

112-27-6 Triethylene glycol

Other alkanolamines

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 02/14/2023

Version Number 1.1

Reviewed on 02/14/2023

Trade name: **OPTEVA ESE 3869**

(Cont. from page 7)

California Proposition 65: (Substances <0.1% unless noted in Section 3)**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

107-21-1 | Ethylene glycol

Carcinogenicity Categories**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)****Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable**

Ethylene glycol

A4

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

GCP Applied Technologies

2325 Lakeview Pkwy

Alpharetta GA, 30009 USA

USA: +1-617-876-1400 (24 hours)

+1-800-354-5414

Contact:

The first date of preparation 01/22/2013

Number of revision times and the latest revision date 1.1 / 02/14/2023

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