

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

1 Identification

Product identifier

Trade name: Denepox Gel 125 Part B

SDS ID Number: 2416

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
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP 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.
Harmful if inhaled.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Label elements:

Hazard pictograms



GHS05 GHS07 GHS08

Danger

Hazard statements

Harmful if swallowed.
Harmful if inhaled.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 1)

Wear eye protection / face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

If swallowed: Rinse mouth. Do NOT induce vomiting.

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

IF exposed or concerned: Get medical advice/attention.

Hazard description: Corrosive**NFPA ratings (scale 0 - 4)**

Health = 3

Fire = 1

Reactivity = 2

HMIS-ratings (scale 0 - 4)

Health = 3

Flammability = 1

Reactivity = 2

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:**

84852-15-3	4-nonylphenol, branched	25-30%
1477-55-0	m-phenylenebis (methylamine)	20-25%
694-83-7	cyclohex-1,2-ylenediamine	5.0-10.0%

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:**

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Get medical advice/attention if you feel unwell.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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.**After swallowing:**

Rinse mouth.

(Cont. on page 3)

USGHS

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 2)

Do NOT induce vomiting.
 Drink copious amounts of water and provide fresh air. Immediately call a doctor.

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

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

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.

Use neutralizing agent.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

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**

Risk of serious damage to eyes.

Prevent formation of aerosols.

Information about protection against explosions and fires: Keep respiratorator available.

Conditions for safe storage, including any incompatibilities**Storage:**

Information about storage in one common storage facility: Keep respiratorator available.

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.

(Cont. on page 4)

USGHS

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 3)

Control parameters**Components with limit values that require monitoring at the workplace:****1477-55-0 m-phenylenebis (methylamine)**

REL (USA)	Ceiling limit value: 0.1 mg/m ³ Skin
TLV (USA)	Ceiling limit value: 0.1 mg/m ³ Skin

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Store protective clothing separately.

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 Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



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 determined.

pH-value (-): Not determined.

Change in condition

Melting point/Melting range: Undetermined.

(Cont. on page 5)

USGHS

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 4)

Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
VOC Content (max):	Not determined.
Vapor pressure:	Not determined.
Density: (~)	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not applicable.
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity Stable under normal conditions.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions 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

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

1477-55-0 m-phenylenebis (methylamine)

Oral	LD50	980 mg/kg (rat) (OECD 401)
Dermal	LD50	3100 mg/kg (rat) (OECD 402)
Inhalation	LC50, 4h	2.4 mg/l (rat)

Primary irritant effect:

on the skin: Causes severe skin burns and eye damage.

(Cont. on page 6)

USGHS

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 5)

on the eye:

Strong irritant with the danger of severe eye injury.
Causes serious eye damage.

inhalation: Harmful if inhaled.

Ingestion:

May be fatal if swallowed and enters airways.
Harmful if swallowed.

Sensitization: May cause an allergic skin reaction.

Additional toxicological information: Suspected of damaging fertility or the unborn child.

Carcinogenic categories

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

None of the ingredients is listed.

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information**Toxicity****Aquatic toxicity:**

1477-55-0 m-phenylenebis (methylamine)

EC50, 72h | 12 mg/l (algae) (OECD 201)

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:**

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

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: Comply with Federal, State and local regulations.

(Cont. on page 7)

USGHS

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 6)

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 UN1760

UN proper shipping name

DOT Corrosive liquids, n.o.s. (4-nonylphenol, branched, m-phenylenebis (methylamine))
 IMDG CORROSIVE LIQUID, N.O.S. (4-nonylphenol, branched, m-phenylenebis (methylamine)),
 MARINE POLLUTANT
 IATA CORROSIVE LIQUID, N.O.S. (4-nonylphenol, branched, m-phenylenebis (methylamine))

Transport hazard class(es)**DOT**

Class 8 Corrosive substances
 Label 8

IMDG

Class 8 Corrosive substances
 Label 8

IATA

Class 8 Corrosive substances
 Label 8

Packing group

DOT, IMDG, IATA II

Environmental hazards:

Product contains environmentally hazardous substances: 4-nonylphenol, branched
 Marine pollutant: Yes

Special marking (ADR): Symbol (fish and tree)

Special precautions for user Warning: Corrosive substances

Danger code (Kemler): 80

EMS Number: F-A,S-B

Segregation groups Alkalis

(Cont. on page 8)

USGHS

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 7)

Transport/Additional information:**IMDG**

Limited quantities (LQ)
 Excepted quantities (EQ)

1L
 Code: E2
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation": UN1760, Corrosive liquids, n.o.s. (4-nonylphenol, branched, m-phenylenebis (methylamine)), ENVIRONMENTALLY HAZARDOUS, 8, II

15 Regulatory information**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):

84852-15-3	4-nonylphenol, branched	30.0%
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SARA Section 312/Tier I & II Hazard Categories:

Health Hazard - Acute toxicity (any route of exposure)
 Health Hazard - Reproductive toxicity
 Health Hazard - Skin Corrosion or Irritation
 Health Hazard - Respiratory or Skin Sensitization
 Health Hazard - Serious eye damage or eye irritation

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

Inventory listing could not be confirmed for one or more substances.

CEPA (Canadian DSL):

Inventory listing could not be confirmed for one or more substances.

Right to Know Ingredient Disclosure:

Proprietary Component - NJTSRN 801416071

California Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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.

Carcinogenicity Categories**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is 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.

Safety Data Sheet

Printing date 02/14/2017

Version Number 1.0

Reviewed on 02/14/2017

Trade name: *Denepox Gel 125 Part B*

(Cont. from page 8)

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
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Date of preparation / last revision 02/14/2017 / -**The first date of preparation** 04/16/2015**Number of revision times and the latest revision date** 1.0 / 02/14/2017

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