SOLVENT SYSTEMS International, Inc.
Environmental Services

Offer Sheet

Product	Vinylimidazole, prime surplus
Quantity	98 drums x 462 lbs. each
Net weight	~45,276 lbs.
Info	5 different lot numbers
Availability	One time
Location	Croydon, PA 19021
Date	2/2/26
COA & SDS	Attached below

Brian Svrusis
Solvent Systems International
575 Bennett Road
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: Surplus Inventory
Solvent-Systems.com

Vinyl Imidazolinone (often written as Vinyl Imidazolone / Vinyl Imidizalone in trade usage) is a **vinyl-functional heterocyclic monomer** derived from the imidazolinone ring structure.
Chemically, it contains:

- a **reactive vinyl group (–CH=CH_2)** that readily copolymerizes with acrylics, styrenics, and other vinyl monomers
- a **polar imidazolinone ring** that provides **hydrogen bonding, adhesion, and hydrophilicity**

Functionally, it is used as a **specialty comonomer** to introduce **adhesion, durability, water interaction control, and reactive sites** into polymer systems.

Major commercial uses for Vinyl Imidazolinone
1) Specialty polymer and copolymer production (primary use)
Used as a **functional comonomer** in:

- acrylic copolymers
- vinyl resins
- styrene-based polymers
- waterborne polymer emulsions

Why it's added: improves

- adhesion to difficult substrates (metal, glass, plastics, fibers)
- cohesion and film strength
- polarity and compatibility
- resistance to wash-off or migration

---

2) Coatings & surface treatment resins
Used in polymer binders for:

- industrial coatings
- metal coatings
- protective paints
- waterborne coatings systems

Value: enhances adhesion, corrosion resistance, and durability.

---

3) Adhesives & sealants
Used in adhesive polymers for:

- pressure-sensitive adhesives (PSA)
- construction adhesives
- packaging adhesives
- specialty bonding systems

Value: improves tack, substrate wetting, and bond strength—especially on polar surfaces.

---

4) Textile finishing & fiber treatment
Used in polymer systems for:

- textile binders
- fabric coatings
- nonwoven binders
- wrinkle-resistant and durable finish treatments

Value: improves wash durability, flexibility, and fiber adhesion.

---

5) Paper coatings & paper treatment chemicals
Used in:

- paper coating binders
- surface sizing agents
- specialty paper treatments

Value: improves strength, ink holdout, water resistance, and coating adhesion.

---

6) Water treatment polymers (niche but real)
Used as a comonomer in:

- flocculants
- dispersants
- scale inhibitors

Value: introduces functional groups that improve interaction with suspended solids and metal ions.

---

7) Specialty hydrogels and functional polymers
Used to produce:

- absorbent materials
- biomedical research polymers
- specialty membranes

Value: allows tuning of hydrophilicity and crosslink density.

Typical industries buying Vinyl Imidazolinone

- specialty polymer manufacturers
- coatings and paint companies
- adhesive formulators
- textile chemical producers
- paper chemical suppliers
- water treatment polymer manufacturers

BASF

We create chemistry

Certificate of Analysis

BASF Corporation

16207

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

Certificate of Analysis according to DIN 55350-18-4.2.2

1-Vinylimidazole

210KG Steel drums
Purchase order/Customer material
335454

Material	56239824	
Order	0118745937	000010
Delivery	0146517566	000010
Lot	16765836W0	
Lot/Qty	18.000	STA
Total	80.000	STA

Inspection characteristics		Test result	Specification	Test method
Assay	%	99.9	>=99.5	GC
Imidazole	%	<0.1	<=0.2	GC
Water	%	<0.1	<=0.1	DIN 51777

The production plant is certified according to DIN ISO 9001:2015

BASF SE, 67056 Ludwigshafen, Germany
Production Acids and Diols Europe
Quality assurance

BASF

We create chemistry

Certificate of Analysis

BASF Corporation

16207

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

Certificate of Analysis according to DIN 55350-18-4.2.2

1-Vinylimidazole

210KG Steel drums
Purchase order/Customer material
335454

Material	56239824	
Order	0118745937	000010
Delivery	0146517566	000010
Lot	33629716K0	
Lot/Qty	4.000	STA
Total	80.000	STA

Inspection characteristics		Test result	Specification	Test method
Assay	%	99.9	>=99.5	GC
Imidazole	%	<0.1	<=0.2	GC
Water	%	<0.1	<=0.1	DIN 51777

The production plant is certified according to DIN ISO 9001:2015

BASF SE, 67056 Ludwigshafen, Germany
Production Acids and Diols Europe
Quality assurance

BASF

We create chemistry

Certificate of Analysis

BASF Corporation

16207

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

Certificate of Analysis according to DIN 55350-18-4.2.2

1-Vinylimidazole

210KG Steel drums
Purchase order/Customer material
335454

Material	56239824	
Order	0118745937	000010
Delivery	0146517566	000010
Lot	47380336W0	
Lot/Qty	14.000	STA
Total	80.000	STA

Inspection characteristics		Test result	Specification	Test method
Assay	%	99.9	>=99.5	GC
Imidazole	%	0.010	<=0.200	GC
Water	%	0.030	<=0.100	DIN 51777

The production plant is certified according to DIN ISO 9001:2015

BASF SE, 67056 Ludwigshafen, Germany
Production Acids and Diols Europe
Quality assurance

BASF

We create chemistry

Certificate of Analysis

BASF Corporation

16207

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

Certificate of Analysis according to DIN 55350-18-4.2.2

1-Vinylimidazole

210KG Steel drums
Purchase order/Customer material
335454

Material	56239824	
Order	0118745937	000010
Delivery	0146517566	000010
Lot	52197188Q0	
Lot/Qty	44.000	STA
Total	80.000	STA

Inspection characteristics		Test result	Specification	Test method
Assay	%	99.9	>=99.5	GC
Imidazole	%	<0.1	<=0.2	GC
Water	%	<0.1	<=0.1	DIN 51777

The production plant is certified according to DIN ISO 9001:2015

BASF SE, 67056 Ludwigshafen, Germany
Production Acids and Diols Europe
Quality assurance

We create chemistry

Safety data sheet

BASF Safety data sheet according to UN GHS 4th rev.
Date / Revised: 30.11.2022 Version: 3.0
Product: **1-Vinylimidazole**

(ID no. 30037086/SDS_GEN_00/EN)
Date of print 21.08.2023

1. Identification

Product identifier

1-Vinylimidazole

Chemical name: 1-vinylimidazole
CAS Number: 1072-63-5

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Chemical used in synthesis and/or formulation of industrial products

Details of the supplier of the safety data sheet

Company:
BASF SE
67056 Ludwigshafen
GERMANY
Operating Division Intermediates

Telephone: +49 621 60-0
E-mail address: ci-qshe-request@basf.com

Emergency telephone number

International emergency number:
Telephone: +49 180 2273-112

2. Hazards Identification

Classification of the substance or mixture

According to UN GHS criteria

Flam. Liq. 4

Acute Tox. 4 (oral)
Acute Tox. 5 (dermal)
Eye Dam./Irrit. 1
Repr. 1B (unborn child)

Specific Concentration Limits According to UN GHS Criteria

Repr. 1B, unborn child: >= 0,03 %

For the classifications not written out in full in this section the full text can be found in section 16.

Label elements

Globally Harmonized System (GHS)

Pictogram:

Signal Word:
Danger

Hazard Statement:

H227	Combustible liquid.
H318	Causes serious eye damage.
H313	May be harmful in contact with skin.
H302	Harmful if swallowed.
H360	May damage the unborn child.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P310	Immediately call a POISON CENTER or physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth
P370 + P378	In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.

Precautionary Statements (Storage):

P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.

According to UN GHS criteria

Hazard determining component(s) for labelling: 1-Vinylimidazole

Other hazards

According to UN GHS criteria

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/Information on Ingredients

Substances

Chemical nature

heterocycle

Hazardous ingredients (GHS)
According to UN GHS criteria

1-Vinylimidazole

Content (W/W): >= 99,5 % - <= 100 %	Flam. Liq. 4
CAS Number: 1072-63-5	Acute Tox. 4 (oral)
EC-Number: 214-012-0	Acute Tox. 5 (dermal)
INDEX-Number: 613-328-00-X	Eye Dam./Irrit. 1
	Repr. 1B (unborn child)
	H227, H318, H313, H302, H360
	Specific concentration limit:
	Repr. 1B, unborn child: >= 0,03 %

Imidazole

Content (W/W): >= 0 % - <= 0,2 %	Acute Tox. 4 (oral)
CAS Number: 288-32-4	Skin Corr./Irrit. 1C
EC-Number: 206-019-2	Eye Dam./Irrit. 1
INDEX-Number: 613-319-00-0	Repr. 1B (unborn child)
	H302, H360, H314

For the classifications not written out in full in this section the full text can be found in section 16.

Mixtures

Not applicable

4. First-Aid Measures

Description of first aid measures

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:
Immediately wash thoroughly with soap and water, seek medical attention.

On contact with eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam, carbon dioxide

Special hazards arising from the substance or mixture

carbon oxides, nitrous gases
The substances/groups of substances mentioned can be released in case of fire. Vapours may form explosive mixture with air.

Advice for fire-fighters

Special protective equipment:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:
Cool endangered containers with water-spray. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures, see section 8. Ensure adequate ventilation. Sources of ignition should be kept well clear. Avoid contact with the skin, eyes and clothing. Avoid inhalation.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
Wear suitable protective equipment. Collect waste in suitable containers, which can be labeled and sealed. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Product should be worked up in closed equipment as far as possible. Personal protective equipment should be worn during open handling. The workplace should be equipped with an emergency shower and eye-rinsing facility.

Protection against fire and explosion:
Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Vapours may form explosive mixture with air.

Conditions for safe storage, including any incompatibilities

Segregate from acids and acid forming substances.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2), Stainless steel 1.4401, glass, Carbon steel (Iron), Aluminium
Further information on storage conditions: Containers should be stored tightly sealed in a dry place. Keep away from sources of ignition - No smoking.

Storage stability:
Storage temperature: 20 °C
Storage duration: 12 Months
From the data on storage duration in this safety data sheet no agreed statement regarding the warrantee of application properties can be deduced.

8. Exposure Controls/Personal Protection

Control parameters

Components with occupational exposure limits

288-32-4: Imidazole

Exposure controls

Personal protective equipment

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Gas filter for gases/vapours of organic compounds (boiling point >65 °C, e. g. EN 14387 Type A)

Hand protection:
Chemical resistant protective gloves (EN ISO 374-1)
Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1):
butyl rubber (butyl) - 0.7 mm coating thickness
fluoroelastomer (FKM) - 0.7 mm coating thickness
Suitable materials for short-term contact (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN ISO 374-1)
chloroprene rubber (CR) - 0.5 mm coating thickness
polyvinylchloride (PVC) - 0.7 mm coating thickness
nitrile rubber (NBR) - 0.4 mm coating thickness
natural rubber/natural latex (NR) - 0.5 mm coating thickness
Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:
chemical-protection suit (f.e. according to EN 14605)

General safety and hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid contact with the skin, eyes and clothing. Avoid inhalation. Where there is any possibility that the eyes of an employee may be exposed to this substance, the employer should provide an eye wash fountain within the immediate working area for emergency use. Under no circumstances should the product come into contact with the skin of pregnant women or be inhaled by them. No eating, drinking, smoking or tobacco use at the place of work. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). No eating, drinking, smoking or tobacco use at the place of work. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form:	liquid
Colour:	yellow
Odour:	amine-like
Odour threshold:	
	Not determined due to potential health hazard by inhalation.

pH value:	9 - 11 (100 g/l, 25 °C)	
Melting point:	< -100 °C (1.013,25 hPa)	(OECD Guideline 102)
Boiling point:	192,06 °C (1.013,25 hPa)	(measured)
Flash point:	81,1 °C Literature data.	
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.	
Flammability:	Combustible liquid.	(derived from flash point)
Lower explosion limit:	For liquids not relevant for classification and labelling., The lower explosion point may be 5 - 15 °C below the flash point.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Ignition temperature:	415 °C Literature data.	
Vapour pressure:	0,38 hPa (20 °C) dynamic	(OECD Guideline 104)
	0,56 hPa (25 °C) dynamic	(OECD Guideline 104)
	3,253 hPa (50 °C) dynamic	(OECD Guideline 104)
Density:	1,039 g/cm3 (20 °C)	(OECD Guideline 109)
	1,022 g/cm3 (40 °C)	(OECD Guideline 109)
Relative density:	1,039 (20 °C)	(OECD Guideline 109)
Relative vapour density (air):	> 1 (20 °C) Heavier than air.	(estimated)
Solubility in water:	miscible (20 °C)	
Partitioning coefficient n-octanol/water (log Kow):	0,54 (25 °C)	(measured)
Self ignition:	Based on its structural properties the product is not classified as self-igniting.	Test type: Spontaneous self-ignition at room-temperature.
Thermal decomposition:	220 °C, 1.000 kJ/kg (DSC (DIN 51007)) It is not a self-decompositionable substance.	
Viscosity, dynamic:	2,21 mPa.s (20 °C)	(calculated (from kinematic viscosity))
	1,47 mPa.s (40 °C)	(calculated (from kinematic viscosity))

Viscosity, kinematic:	2,21 mm2/s (20 °C)	(OECD 114)
	1,44 mm2/s (40 °C)	(OECD 114)
Explosion hazard:	not explosive	(Regulation 440/2008/EC, A.14)
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.	

Other information

Self heating ability:	It is not a substance capable of spontaneous heating.	
SADT:	Study scientifically not justified.	
pKA:	5,62 (20 °C)	(OECD Guideline 112)
Adsorption/water - soil:	KOC: 868; log KOC: 2,94 The data refer to the charged form of the substance. Under environmental conditions, the substance will almost completely be in its charged form.	(calculated)
Surface tension:	Based on chemical structure, surface activity is not to be expected.	
Grain size distribution:	The substance / product is marketed or used in a non solid or granular form.	
Molar mass:	94,12 g/mol	

10. Stability and Reactivity

Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:	Corrosive effects to metal are not anticipated. In the presence of water or moisture metal corrosion cannot be excluded.	
Formation of flammable gases:	Remarks:	Forms no flammable gases in the presence of water.

Chemical stability
The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions
Strong exothermic reaction with acids.
The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid
Avoid heat. Avoid direct sunlight.

Incompatible materials

Substances to avoid:
acids, nitrosating agents

Hazardous decomposition products

Hazardous decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:
Of moderate toxicity after single ingestion. The inhalation of a highly enriched/saturated vapor-air-mixture represents an unlikely acute hazard. Of low toxicity after short-term skin contact.

Experimental/calculated data:
LD50 rat (oral): 1.040 mg/kg (BASF-Test)

rat (by inhalation): 7 h (IRT)
Inhalation-risk test (IRT): No mortality within 7 hours as shown in animal studies. The inhalation of a highly saturated vapor-air mixture represents no acute hazard.

LD50 rat (dermal): > 2.000 mg/kg (OECD Guideline 402)

Irritation

Assessment of irritating effects:
Not irritating to the skin. May cause severe damage to the eyes.

Experimental/calculated data:
Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation other: irreversible damage (HET-CAM test in vitro)

Respiratory/Skin sensitization

Assessment of sensitization:
Skin sensitizing effects were not observed in animal studies.

Experimental/calculated data:
Mouse Local Lymph Node Assay (LLNA) mouse: Non-sensitizing. (OECD Guideline 429)

Germ cell mutagenicity

Assessment of mutagenicity:
The substance was not mutagenic in bacteria. The substance was not mutagenic in mammalian cell culture.

Carcinogenicity

Assessment of carcinogenicity:

No data available.

Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.

Reproductive toxicity

Assessment of reproduction toxicity:
The results of animal studies gave no indication of a fertility impairing effect.

Developmental toxicity

Assessment of teratogenicity:
The substance caused malformations/developmental toxicity in laboratory animals. Effects observed at maternally toxic doses.

Specific target organ toxicity (single exposure)

Assessment of STOT single:
Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies.

Aspiration hazard

not applicable

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:
There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to fish:
LC50 (96 h) > 460 - < 1.000 mg/l, Leuciscus idus (DIN 38412 Part 15, static)
Nominal concentration.

Aquatic invertebrates:
EC50 (48 h) 190,8 mg/l, Daphnia magna (Directive 79/831/EEC, static)
Nominal concentration.

Aquatic plants:
EC50 (72 h) 549 mg/l (growth rate), Scenedesmus subspicatus (DIN 38412 Part 9, static)
Nominal concentration.

Microorganisms/Effect on activated sludge:
EC10 (7 h) 790 mg/l, Pseudomonas putida (DIN 38412 Part 8, aquatic)
Nominal concentration.

EC20 (30 min) > 1.995 mg/l, activated sludge, industrial (OECD Guideline 209, aquatic)
Nominal concentration.

Chronic toxicity to fish:
No data available.

Chronic toxicity to aquatic invertebrates:
No data available.

Assessment of terrestrial toxicity:
No data available.

Persistence and degradability

Assessment biodegradation and elimination (H2O):
Poorly eliminated from water. Poorly biodegradable.

Elimination information:
< 10 % CO2 formation relative to the theoretical value (60 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) (aerobic, activated sludge, domestic, non-adapted)
Enhanced conditions: prolonged incubation

< 20 % DOC reduction (15 d) (OECD Guideline 302 B) (aerobic, activated sludge, industrial)

22 % BOD of the ThOD (28 d) (calculated) (aerobic, activated sludge)
The product has not been tested. The statement has been derived from the structure of the product.

Assessment of stability in water:
According to structural properties, hydrolysis is not expected/probable.
Information on Stability in Water (Hydrolysis):
No data available.

Bioaccumulative potential

Assessment bioaccumulation potential:
Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Bioaccumulation potential:
Bioconcentration factor: 111 (11 d), Brachydanio rerio (OECD Guideline 305 E)

Bioconcentration factor: 8,32, Fish (calculated)
Based on a weight of evidence, the compound will not bioaccumulate.

No data available.

Mobility in soil

Assessment transport between environmental compartments:
Volatility: The substance will slowly evaporate into the atmosphere from the water surface. The data refer to the uncharged form of the substance.

Adsorption in soil: Adsorption to solid soil phase is not expected.

Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative). Self classification

Other adverse effects

The substance is not listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Additional information

Sum parameter

Chemical oxygen demand (COD): 1.670 mg/g

Biochemical oxygen demand (BOD): 4 mg/g

Adsorbable organically-bound halogen (AOX):
This product contains no organically-bound halogen.

13. Disposal Considerations

Waste treatment methods

Incinerate in suitable incineration plant, observing local authority regulations.
A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.
The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

Land transport

ADR

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable

Special precautions for user	None known

RID

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

Inland waterway transport

ADN

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	None known

Transport in inland waterway vessel
Not evaluated

Sea transport

IMDG

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

Air transport

IATA/ICAO

	Not classified as a dangerous good under transport regulations
UN number or ID number	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable

Environmental hazards:	Not applicable
Special precautions for user	None known

Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

Further information
Taking into account a normal duration of transport of 90 days the following statement is valid: The product is that stable, that in packaging at temperature of 50 ° C and in tanks at temperature of 45 ° C no dangerous polymerization occurs.

15. Regulatory Information

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

Not applicable

16. Other Information

oil industry

Work limitations for pregnant woman and for woman nursing babies should be observed. Work limitations for youth should be observed.

Corresponding occupational protection measurements must be followed.

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

Flam. Liq.	Flammable liquids
Acute Tox.	Acute toxicity
Eye Dam./Irrit.	Serious eye damage/eye irritation
Repr.	Reproductive toxicity
Skin Corr./Irrit.	Skin corrosion/irritation
H227	Combustible liquid.
H318	Causes serious eye damage.
H313	May be harmful in contact with skin.
H302	Harmful if swallowed.
H360	May damage the unborn child.
H314	Causes severe skin burns and eye damage.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.