Safety Data Sheet

BONDERITE M-NT 1455T CONVERSION COATING

SDS No. : 153413
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Section 1. Identification of the substance/preparation and of the company/undertaking

Product name:
BONDERITE M-NT 1455T CONVERSION COATING

Other means of identification:
BONDERITE M-NT 1455T JC23 WENS+

Product code:
IDH2577420

Recommended use of the chemical and restrictions on use

Intended use:
Product for the conversion treatment of metals

Manufacturer/Importer/Distributor Representative Company

Henkel Thailand Ltd. The Offices at Centralworld,
35th Floor, 999/9 Rama 1 Rd.,
Kwang Patumwan, Khet Patumwan,
10330 Bangkok

Thailand

Phone: +66 (2209) 8000
Fax-no.: +66 (2209) 8008

E-mail address of person responsible for Safety Data Sheet:
ap-ua-psra.sea@henkel.com

Emergency Telephone for Chemical Accidents:
FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call CHEMTREC: +1 703-741-5970

Section 2. Hazards identification

GHS Classification:

Hazard Class	Hazard Category	Route of Exposure
Acute toxicity	Category 4	Oral
Skin corrosion/irritation	Category 1	
Serious eye damage/eye irritation	Category 1	
Chronic hazards to the aquatic environment	Category 3	

GHS label elements:

Hazard pictogram:

Signal word:
Danger

Hazard statement:
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precaution:

Prevention:
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/… if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
P363 Wash contaminated clothing before reuse.

Storage:
P405 Store locked up.

Disposal:
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	1- 10 %	Acute toxicity 5; Oral H303 Acute toxicity 5; Dermal H313 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 2 H411
1-Propoxypropan-2-ol 1569-01-3	1- 10 %	Flammable liquids 3 H226 Acute toxicity 5; Oral H303 Acute toxicity 5; Dermal H313 Serious eye damage/eye irritation 2A H319
dihydrogen hexafluorotitanate(2-) 17439-11-1	1- 10 %	Corrosive to metals 1 H290 Acute toxicity 3; Oral H301 Acute toxicity 3; Inhalation H331 Acute toxicity 3; Dermal H311 Skin corrosion/irritation 1 H314 Acute hazards to the aquatic environment 3 H402
Manganese orthophosphate 10124-54-6	1- 10 %	Serious eye damage/eye irritation 2A H319 Specific target organ toxicity - repeated exposure 2 H373 Acute hazards to the aquatic environment 2 H401 Chronic hazards to the aquatic environment 3 H412
phosphoric acid 7664-38-2	1- 10 %	Corrosive to metals 1 H290 Acute toxicity 4; Oral H302 Skin corrosion/irritation 1 H314

Section 4. First aid measures

Inhalation:
Fresh air, consult doctor.

Skin contact:
Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.
Seek medical attention from a specialist.

Eye contact:
Immediately flush eyes with soft jet of water or eye rinse solution for at least 15 minutes. Hold eyelid wide-open. Seek a doctor/hospital, eye flushing should continue during transportation to a doctor.

Ingestion:
Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Immediate medical treatment necessary.

Section 5. Fire fighting measures

Suitable extinguishing media:
All common extinguishing agents are suitable.

Improper extinguishing media:
None known

Specific hazards arising from the chemical:
Formation of toxic gases is possible during heating or in fires.

Special protection equipment and precautions for firefighters:
Wear self-contained breathing apparatus.

Hazardous combustion products:
In case of fire toxic gases can be released.

Section 6. Accidental release measures

Personal precautions:
Avoid contact with skin and eyes.

Environmental precautions:
Do not empty into drains / surface water / ground water.

Clean-up methods:
Neutralize with acid-binding material (e.g. powdered limestone).
Take up with liquid-absorbing material (sand).
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Handling:
When diluting, always stir slowly the product into standing water.
Avoid skin and eye contact.
Ensure that workrooms are adequately ventilated.
See advice in section 8

Storage:
Keep container tightly sealed.
Store in a cool, frost-free place.

Section 8. Exposure controls / personal protection

Components with specific control parameters for workplace:

FLUORIDES, AS F 17439-11-1	**Value type**	Time Weighted Average (TWA):
	mg/m³	2.5
	Remarks	ACGIH
FLUORIDE (AS F) 17439-11-1	**Value type**	Time Weighted Average (TWA):
	mg/m³	2.5
	Remarks	TH OEL
Fluorides, as F 17439-11-1	**Value type**	Time Weighted Average (TWA):
	mg/m³	2.5
	Remarks	ACGIH
FLUORIDE AS DUST 17439-11-1	**Value type**	Time Weighted Average (TWA):
	mg/m³	2.5
	Remarks	TH OEL
FLUORIDES, AS F 17439-11-1	**Value type**	Time Weighted Average (TWA):
	mg/m³	2.5
	Remarks	TH OEL
MANGANESE ELEMENTAL AND INORGANIC COMPOUNDS, AS MN, RESPIRABLE FRACTION 10124-54-6	**Value type**	Time Weighted Average (TWA):
	mg/m³	0.02
	Remarks	ACGIH
MANGANESE ELEMENTAL AND INORGANIC COMPOUNDS, AS MN, INHALABLE FRACTION 10124-54-6	**Value type**	Time Weighted Average (TWA):
	mg/m³	0.1
	Remarks	ACGIH
PHOSPHORIC ACID 7664-38-2	**Value type**	Short Term Exposure Limit (STEL):
	mg/m³	3
	Remarks	ACGIH
PHOSPHORIC ACID 7664-38-2	**Value type**	Time Weighted Average (TWA):
	mg/m³	1
	Remarks	TH OEL
PHOSPHORIC ACID 7664-38-2	**Value type**	Time Weighted Average (TWA):
	mg/m³	1
	Remarks	ACGIH

Respiratory protection:
Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

Hand protection:
Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Goggles which can be tightly sealed.

Engineering controls:
Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

General protection and hygiene measures:
The workplace should be equipped with an emergency shower and eye-rinsing facility.

Hygienic measures:
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Take off contaminated clothing and wash before reuse.

Section 9. Physical and chemical properties

Appearance:	orange clear
Odor:	mild
Odor threshold (CA):	No data available.
pH:(Concentration: 10 % product)	2.4 - 3.11.9
Melting point / freezing point:	Not applicable, Product is a liquid
Specific gravity:	No data available.
Boiling point:	96 °C (204.8 °F)
Flash point:	63 °C (145.4 °F)
(Supplier method)	Aqueous solution
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Lower explosive limit:	No data available.
Upper explosive limit:	No data available.
Vapor pressure:	102 - 132 mbar
(; 50 °C (122 °F); 20 °C (68 °F))	(aqueous solution)23.4 mbar Values referring to water
Vapor density:	1
Density:	1.15 g/cm3
Solubility:	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto ignition:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
VOC content:	No data available.

Section 10. Stability and reactivity

Reactivity/Incompatible materials:
Reaction with strong bases
Can attack glass and vitreous materials.
Chemical stability:
Stable under recommended storage conditions.
Conditions to avoid:
No decomposition if used according to specifications.
Hazardous decomposition products:
In case of fire toxic gases can be released.

Section 11. Toxicological information

Oral toxicity: Acute toxicity estimate (ATE) : 1,965 mg/kg
Method: Calculation method

Inhalative toxicity: Acute toxicity estimate (ATE) : > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Dermal toxicity: Acute toxicity estimate (ATE) : > 2,000 mg/kg
Method: Calculation method

Symptoms of Overexposure**:** None known.

Acute oral toxicity:

Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	Value type	Acute toxicity estimate (ATE)
	Value	2,500 mg/kg
	Species	
	Method	Expert judgement
Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 423 (Acute Oral toxicity)
1-Propoxypropan-2-ol 1569-01-3	Value type	LD50
	Value	2,490 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Manganese orthophosphate 10124-54-6	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 420 (Acute Oral Toxicity)
phosphoric acid 7664-38-2	Value type	Acute toxicity estimate (ATE)
	Value	1,500 mg/kg
	Species	
	Method	Expert judgement

Acute inhalative toxicity:

Manganese orthophosphate 10124-54-6	Value type	LC50
	Value	> 5.07 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class (ATC) Method)

Acute dermal toxicity:

Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	Value type	Acute toxicity estimate (ATE)
	Value	2,500 mg/kg
	Species	
	Method	Expert judgement
1-Propoxypropan-2-ol 1569-01-3	Value type	LD50
	Value	3,775 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

1-Propoxypropan-2-ol 1569-01-3	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
phosphoric acid 7664-38-2	Result	corrosive
	Exposure time	24 h
	Species	rabbit
	Method	not specified

Serious eye damage/irritation:

1-Propoxypropan-2-ol 1569-01-3	Result	Category 2 (irritant)
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

1-Propoxypropan-2-ol 1569-01-3	Result	not sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Result	not sensitising
	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

1-Propoxypropan-2-ol 1569-01-3	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
1-Propoxypropan-2-ol 1569-01-3	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
1-Propoxypropan-2-ol 1569-01-3	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Result	negative
	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	rat
	Method	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
phosphoric acid 7664-38-2	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
phosphoric acid 7664-38-2	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
phosphoric acid 7664-38-2	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Repeated dose toxicity:

1-Propoxypropan-2-ol 1569-01-3	Result	
	Route of application	inhalation
	Exposure time / Frequency of treatment	6 hours per day5 days per week
	Species	rat
	Method	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Result	NOAEL=ca. 25 ppm
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	28 daysonce per day
	Species	rat
	Method	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
phosphoric acid 7664-38-2	Result	NOAEL=250 mg/kg
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	6 wdaily
	Species	rat
	Method	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity: H412 Harmful to aquatic life with long lasting effects.

Toxicity:

Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	Value type	EC50
	Value	> 10 - 100 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Poly(-5-vinyl-2-hydroxy-)-N-Benzyl-N-Methylglucamine 162006-87-3	Value type	EC50
	Value	> 1 - 10 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	NOEC
	Value	> 0.1 - 1 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
1-Propoxypropan-2-ol 1569-01-3	Value type	LC50
	Value	1,732 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Brachydanio rerio (new name: Danio rerio)
	Method	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]
1-Propoxypropan-2-ol 1569-01-3	Value type	EC50
	Value	> 100 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	other guideline:
1-Propoxypropan-2-ol 1569-01-3	Value type	EC50
	Value	1,466 mg/l
	Acute Toxicity Study	Algae
	Exposure time	96 h
	Species	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)
	Method	EPA OTS 797.1050 (Algal Toxicity, Tiers I and II)
1-Propoxypropan-2-ol 1569-01-3	Value type	EC0
	Value	1,000 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	16 h
	Species	Pseudomonas putida
	Method	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Value type	LC50
	Value	172.4 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Danio rerio
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
	Value type	NOEC
	Value	4 mg/l
	Acute Toxicity Study	Fish
	Exposure time	21 d
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 210 (fish early lite stage toxicity test)

dihydrogen hexafluorotitanate(2-) 17439-11-1	Value type	EC50
	Value	48.2 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Value type	EC50
	Value	10.82 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	EC10
	Value	1.31 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Value type	NOEC
	Value	231 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	16 h
	Species	Pseudomonas putida
	Method	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Manganese orthophosphate 10124-54-6	Value type	LC50
	Value	8.81 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	not specified
	Value type	NOEC
	Value	1.67 mg/l
	Acute Toxicity Study	Fish
	Exposure time	120 d
	Species	Oncorhynchus mykiss
	Method	not specified
Manganese orthophosphate 10124-54-6	Value type	LC50
	Value	27.24 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	not specified
Manganese orthophosphate 10124-54-6	Value type	EC50
	Value	> 27.71 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	NOEC
	Value	3.08 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Manganese orthophosphate 10124-54-6	Value type	EC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	3 h
	Species	activated sludge of a predominantly domestic sewage
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
phosphoric acid 7664-38-2	Value type	LC50
	Value	> 100 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
phosphoric acid 7664-38-2	Value type	EC50
	Value	> 100 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna

	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
phosphoric acid 7664-38-2	Value type	EC50
	Value	> 100 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	NOEC
	Value	100 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
phosphoric acid 7664-38-2	Value type	IC50
	Value	270 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	3 h
	Species	activated sludge
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

1-Propoxypropan-2-ol 1569-01-3	Result	readily biodegradable
	Route of application	aerobic
	Degradability	91.5 %
	Method	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)

Bioaccumulative potential / Mobility in soil:

1-Propoxypropan-2-ol 1569-01-3	LogPow	0.621
	Temperature	20 °C
	Method	QSAR (Quantitative Structure Activity Relationship)
dihydrogen hexafluorotitanate(2-) 17439-11-1	Bioconcentration factor (BCF)	53 - 58
	Exposure time	
	Species	not specified
	Temperature	
	Method	other guideline:

Section 13. Disposal considerations

Product

Method of disposal:
Dispose of in accordance with local and national regulations.

Packaging

Disposal of uncleaned packages:
Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road transport ADR:

Class:	8
Packing group:	II
Classification code:	C1
Hazard ident. number:	80
UN no.:	3264
Label:	8
Technical name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)

Railroad transport RID:

Class:	8
Packing group:	II
Classification code:	C1
Hazard ident. number:	80
UN no.:	3264
Label:	8
Technical name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)

Inland water transport ADN:

Class:	8
Packing group:	II
Classification code:	C1
Hazard ident. number:	80
UN no.:	3264
Label:	8
Technical name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)

Marine transport IMDG:

Class:	8
Packing group:	II
UN no.:	3264
Label:	8
EmS:	F-A ,S-B
Seawater pollutant:	-
Proper shipping name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hexafluoro titanic acid,Phosphoric acid)

Air transport IATA:

Class:	8
Packing group:	II
Packaging instructions (passenger):	851
Packaging instructions (cargo):	855
UN no.:	3264
Label:	8
Proper shipping name:	Corrosive liquid, acidic, inorganic, n.o.s. (Hexafluoro titanic acid,Phosphoric acid)

Section 15. Regulatory information

Regulatory Information:
Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555

Global inventory status:

Regulatory list	Notification
TSCA	yes
AIIC	yes
EINECS	yes

Section 16. Other information

Disclaimer:
This Safety Data Sheet has been generated based on Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555 only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.
This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.
Dear Customer,
Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).