Printing date 06/04/2024

*

Reviewed on 06/04/2024

Product identifier	
Trade name: Dicyclohexylcarbodiimide (DCC)	
25% w/v in Hexane	
Article number: SPX529	
Details of the supplier of the safety data sheet Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536 USA 800-256-2586	AQUA SOLUTIONS
Information department: Technical Coordinator Sherman Nelson shermann@aquasolutions.org Emergency telephone number: Chemtrec: 800-424-9300 Canutec: 613-996-6666	
Hazard(s) identification	
Classification of the substance or mixture	
GHS02 Flame	
Flammable Liquids 2	H225 Highly flammable liquid and vapor.
GHS06 Skull and crossbones	
Acute Toxicity - Dermal 3	H311 Toxic in contact with skin.
	H311 Toxic in contact with skin.
Acute Toxicity - Dermal 3	
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged of
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unborn child
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Repeated Exposure 2	H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged repeated exposure.
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Repeated Exposure 2 Aspiration Hazard 1	H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged or repeated exposure.
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Repeated Exposure 2 Aspiration Hazard 1 GHS05 Corrosion	H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged orepeated exposure. H304 May be fatal if swallowed and enters airways.
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Repeated Exposure 2 Aspiration Hazard 1 GHS05 Corrosion Eye Damage 1	 H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged orepeated exposure. H304 May be fatal if swallowed and enters airways.
Acute Toxicity - Dermal 3 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Repeated Exposure 2 Aspiration Hazard 1 GHS05 Corrosion Eye Damage 1 GHS07	 H361 Suspected of damaging fertility or the unborn child H373 May cause damage to organs through prolonged or repeated exposure. H304 May be fatal if swallowed and enters airways. H318 Causes serious eye damage.

Printing date 06/04/2024

Reviewed on 06/04/2024

de name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane	
	(Contd. of page
Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizzines	
Label elements	
GHS label elements The product is classified and labeled according to the Globally Harmonize Hazard pictograms	d System (GHS).
$ \land \land$	
GHS02 GHS05 GHS06 GHS07 GHS08	
Signal word Danger	
Hazard-determining components of labeling:	
Dicyclohexylcarbodiimide	
Hexane	
Hazard statements	
Highly flammable liquid and vapor.	
Harmful if swallowed. Toxic in contact with skin.	
Causes skin irritation.	
Causes skin innanon. Causes serious eye damage.	
May cause an allergic skin reaction.	
Suspected of damaging fertility or the unborn child.	
May cause drowsiness or dizziness.	
May cause damage to organs through prolonged or repeated exposure.	
May be fatal if swallowed and enters airways.	
Precautionary statements	
Obtain special instructions before use.	
Do not handle until all safety precautions have been read and understood.	
Keep away from heat/sparks/open flames/hot surfaces No smoking. Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
Do not breathe dust/fume/gas/mist/vapors/spray.	
Wash thoroughly after handling.	
Do not eat, drink or smoke when using this product.	
Use only outdoors or in a well-ventilated area.	
Contaminated work clothing must not be allowed out of the workplace.	
Wear protective gloves/protective clothing/eye protection/face protection.	
If swallowed: Immediately call a poison center/doctor.	
Specific treatment (see on this label). Do NOT induce vomiting.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/show	er.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if prese	nt and easy to a
Continue rinsing.	2
IF exposed or concerned: Get medical advice/attention.	
Get medical advice/attention if you feel unwell.	
Rinse mouth.	
Take off immediately all contaminated clothing and wash it before reuse.	
If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish.	

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

	(Contd. of page 2)
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international regulations	
Classification system:	
NFPA ratings (scale 0 - 4)	
Health = 3	
$\frac{3}{Fire = 3}$	
$\begin{array}{c} 3 \\ \hline 0 \\ \hline Reactivity = 0 \end{array}$	
Keacuvay = 0	
HMIS-ratings (scale 0 - 4)	
HEALTH *3 $Health = *3$	
FIRE 3 $Fire = 3$	
REACTIVITY 0 Reactivity = 0	
Other hazards	
Results of PBT and vPvB assessment	
PBT: Not applicable.	
<i>vPvB:</i> Not applicable.	

3 Composition/information on ingredients

· Chemical characterization: Mixtures

• Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 110-54-3 Hexane

CAS: 538-75-0 Dicyclohexylcarbodiimide

4 First-aid measures

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- In case of irregular breathing or respiratory arrest provide artificial respiration.
- After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Immediately call a doctor.
- Information for doctor:

· Most important symptoms and effects, both acute and delayed No further relevant information available.

- · Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

(Contd. on page 4)

66.047%

33.953%

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

(Contd. of page 3)

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- \cdot Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

•	utions, protective equipment and emergency procedures	
1	ry protective device.	
	equipment. Keep unprotected persons away.	
• Environmental		
	oduct to reach sewage system or any water course.	
v i	e authorities in case of seepage into water course or sewage system.	
Dilute with plen		
	enter sewers/ surface or ground water.	
	aterial for containment and cleaning up:	
	uid-binding material (sand, diatomite, acid binders, universal binders, sawdu	st).
Use neutralizing		
	inated material as waste according to section 13.	
Ensure adequat		
· Reference to other		
See Section 7 fo	r information on safe handling.	
	r information on personal protection equipment.	
See Section 13 f	or disposal information.	
· Protective Actio	n Criteria for Chemicals	
· PAC-1:		
CAS: 110-54-3	Hexane	260 ppm
CAS: 538-75-0	Dicyclohexylcarbodiimide	$0.12 mg/m^3$
· PAC-2:		
CAS: 110-54-3	Hexane	2900* ppm
CAS: 538-75-0	Dicyclohexylcarbodiimide	1.3 mg/m ³
· PAC-3:		
CAS: 110-54-3	Hexane	8600** ppm
CAS: 538-75-0		$8 mg/m^3$

7 Handling and storage

· Handling:

· Precautions for safe handling

- Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.
- Prevent formation of aerosols.

 $(Contd. \ on \ page \ 5)$

US

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

(Contd. of page 4)

- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities

· Storage:

- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- \cdot Further information about storage conditions:

Keep receptacle tightly sealed.

- Store in cool, dry conditions in well sealed receptacles.
- 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 section 7.

· Control parameters

· Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

CAS: 110-54-3 Hexane

PEL Long-term value: 1800 mg/m³, 500 ppm

REL Long-term value: 180 mg/m³, 50 ppm

TLV Long-term value: 50 ppm

Skin; BEI

· Ingredients with biological limit values:

CAS: 110-54-3 Hexane

BEI 0.5 mg/L

LD50 Intraperitoneal: urine Time: end of shift

LD50: 2.5-Hexanedione without hydrolysis

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

· Exposure controls

· Personal protective equipment:

• General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 6)

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

(Contd. of page 5)

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation • Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical proper	rties
· Information on basic physical and	chemical properties
· General Information	
· Appearance:	
Form:	Liquid
Color:	Clear
· Odor:	Distinct
• Odor threshold:	Not determined.
· pH-value:	Not determined.
• Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 69 °C (156.2 °F)
· Flash point:	-26 °C (-14.8 °F)
· Flammability (solid, gaseous):	Highly flammable.
· Auto igniting:	240 °C (464 °F)
• Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits: Lower:	1.2 Vol %
	(Contd. on page 7

US

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

		(Contd. of page
Upper:	7.4 Vol %	
· Vapor pressure at 20 °C (68 °F):	160 hPa (120 mm Hg)	
· Vapor pressure at 50 °C (122 °F):	540 hPa (405 mm Hg)	
· Density at 20 °C (68 °F):	0.75846 g/cm³ (6.32935 lbs/gal)	
· Relative density	Not determined.	
· Vapor density	Not determined.	
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
Water:	Fully miscible.	
· Partition coefficient (n-octanol/wate	r): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	66.0 %	
VOC content:	66.05 %	
	500.9 g/l / 4.18 lb/gal	
Solids content:	34.0 %	
• Other information	No further relevant information available.	

10 Stability and reactivity

- *Reactivity* No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- Acute toxicity:
- · LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral LD50 1,473 mg/kg

Dermal LD50 884 mg/kg

- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- \cdot on the eye: Strong irritant with the danger of severe eye injury.
- Sensitization: Sensitization possible through skin contact.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Toxic

(Contd. on page 8)

Printing date 06/04/2024

Reviewed on 06/04/2024

(Contd. of page 7)

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

Harmful

Irritant

- · Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is 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:
- Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · 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.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

· UN-Number		
· DOT, IMDG, IATA	UN1992	
· UN proper shipping name		
·DOT	Flammable liquids, toxic, n.o.s. (Hex	a n e
	Dicyclohexylcarbodiimide)	

Printing date 06/04/2024

Reviewed on 06/04/2024

25% w/v in Hexane	
	(Contd. of pag
·IMDG	FLAMMABLE LIQUID, TOXIC, N.O.S. (Hexan Dicyclohexylcarbodiimide), MARINE POLLUTANT
· IATA	FLAMMABLE LIQUID, TOXIC, N.O.S. (Hexar Dicyclohexylcarbodiimide)
· Transport hazard class(es)	
· Class	3 Flammable liquids
· Label	3, 6.1
· Class · Label	3 Flammable liquids 3/6.1
· Class · Label	3 Flammable liquids 3 (6.1)
· Label	3 Flammable liquids 3 (6.1)
· Label · Packing group	3 (6.1) II
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code EMS Number: 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336 F-E,S-D
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code) EMS Number: Stowage Category 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids p): 336 F-E,S-D B
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code EMS Number: Stowage Category Stowage Code Transport in bulk according to Annex II of 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336 F-E,S-D B SW2 Clear of living quarters.
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code EMS Number: Stowage Category Stowage Code Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Transport/Additional information: DOT 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336 F-E,S-D B SW2 Clear of living quarters. Not applicable.
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code) EMS Number: Stowage Category Stowage Code Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Transport/Additional information: 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336 F-E,S-D B SW2 Clear of living quarters.
 Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant: Special precautions for user Hazard identification number (Kemler code EMS Number: Stowage Category Stowage Code Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Transport/Additional information: DOT 	3 (6.1) II Product contains environmentally hazardous substances: Hexar Symbol (fish and tree) Warning: Flammable liquids): 336 F-E,S-D B SW2 Clear of living quarters. Not applicable. On passenger aircraft/rail: 1 L

ACTIVE

ACTIVE

Safety Data Sheet acc. to OSHA HCS

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

	(Contd. of page 9)
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (HEXANE, DICYCLOHEXYLCARBODIIMIDE), 3 (6.1), II

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

 \cdot Section 313 (Specific toxic chemical listings):

CAS: 110-54-3 Hexane

• TSCA (Toxic Substances Control Act):

Hexane

Dicyclohexylcarbodiimide

· Hazardous Air Pollutants

CAS: 110-54-3 Hexane

· Proposition 65

 \cdot 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:

CAS: 110-54-3 Hexane

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

CAS: 110-54-3 Hexane

· TLV (Threshold Limit Value)

None of the ingredients is listed.

 \cdot NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



II

US

Printing date 06/04/2024

Reviewed on 06/04/2024

ude name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane	
	(Contd. of page
Signal word Danger	
Hazard-determining components of labeling:	
Dicyclohexylcarbodiimide	
Hexane	
Hazard statements	
Highly flammable liquid and vapor.	
Harmful if swallowed.	
Toxic in contact with skin.	
Causes skin irritation.	
Causes serious eye damage.	
May cause an allergic skin reaction.	
Suspected of damaging fertility or the unborn child.	
May cause drowsiness or dizziness.	
May cause damage to organs through prolonged or repeated exposure.	
May be fatal if swallowed and enters airways.	
Precautionary statements	
Obtain special instructions before use.	
Do not handle until all safety precautions have been read and understood.	
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
Do not breathe dust/fume/gas/mist/vapors/spray.	
Wash thoroughly after handling.	
Do not eat, drink or smoke when using this product.	
Use only outdoors or in a well-ventilated area.	
Contaminated work clothing must not be allowed out of the workplace.	
Wear protective gloves/protective clothing/eye protection/face protection.	
If swallowed: Immediately call a poison center/doctor.	
Specific treatment (see on this label).	
Do NOT induce vomiting.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with was	ter/shower.
<i>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</i>	
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses,	if present and easy to
Continue rinsing.	
IF exposed or concerned: Get medical advice/attention.	
Get medical advice/attention if you feel unwell.	
Rinse mouth.	
Take off immediately all contaminated clothing and wash it before reuse.	
If skin irritation or rash occurs: Get medical advice/attention.	
In case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international	regulations.
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.	0

16 Other information

*

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 12)

Printing date 06/04/2024

Reviewed on 06/04/2024

Trade name: Dicyclohexylcarbodiimide (DCC) 25% w/v in Hexane

	(Contd. of page 11)
Department issuing SDS: Environment protection department.	
Contact:	
Date of Preparation / Last Revision:	
Date of preparation / last revision	
Revision 1.2, 06/04/2024: Reviewed SDS for accuracy. MH/STN	
Revision 0.0, 05-29-2024: Creation date for SDS. STN	
06/04/2024	
Abbreviations and acronyms:	
IMDG: International Maritime Code for Dangerous Goods	
DOT: US Department of Transportation	
IATA: International Air Transport Association	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
NFPA: National Fire Protection Association (USA)	
HMIS: Hazardous Materials Identification System (USA)	
VOC: Volatile Organic Compounds (USA, EU)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
NIOSH: National Institute for Occupational Safety	
OSHA: Occupational Safety & Health	
TLV: Threshold Limit Value	
PEL: Permissible Exposure Limit	
REL: Recommended Exposure Limit	
BEI: Biological Exposure Limit	
Flammable Liquids 2: Flammable liquids – Category 2	
Acute Toxicity - Oral 4: Acute toxicity – Category 4	
Acute Toxicity - Dermal 3: Acute toxicity – Category 3	
Skin Irritation 2: Skin corrosion/irritation – Category 2	
Eye Damage 1: Serious eye damage/eye irritation – Category 1	
Sensitization - Skin 1: Skin sensitisation – Category 1	
Toxic to Reproduction 2: Reproductive toxicity – Category 2	
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3	
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2	
Aspiration Hazard 1: Aspiration hazard – Category 1	
* Data compared to the previous version altered.	