otto chemie pvt ltd

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1. Product identifiers

Product name: Dichloromethane, for HPLC Product Code: D 1548 CAS No: 75-09-2

1.2. Relevant identified uses of the substance or mixture and uses advised against Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet Company identification OTTO CHEMIE PVT LTD 101, Aarkay Ruby Industrial Estate(1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Email info@ottokemi.com

1.4. Emergency telephone number Phone no.: + 91 22 2207 0099 (9:00am - 6:00 pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Skin irritation, (Category 2) Eye irritation, (Category 2) Carcinogenicity, (Category 2) Specific target organ toxicity single exposure, (Category 3), Central nervous system 2.2 Label elements Labelling according Regulation (EC) No 1272/2008 Pictogram Warning Signal Word Hazard Statements Causes skin irritation. H315 H319 Causes serious eye irritation. May cause drowsiness or dizziness. H336 H351 Suspected of causing cancer. **Precautionary Statements** P202 Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapors. P261 P264 Wash skin thoroughly after handling. IF ON SKIN: Wash with plenty of water. P302 + P352 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. Supplemental Hazard none Statements Reduced Labeling (<= 125 ml) Pictogram Signal Word Warning Hazard Statements Suspected of causing cancer. H351 **Precautionary Statements** Do not handle until all safety precautions have been read and P202 understood P308 + P313 IF exposed or concerned: Get medical advice/ attention. Supplemental Hazard none Statements

DISCI AIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

H315: Causes skin irritation. H319: Causes serious eye irritation. H351: Suspected of causing cancer. H336: May cause drowsiness or dizziness.

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances	
Synonyms	: Methylene chloride
Formula	: CH2ČI2
Molecular weight	: 84,93 g/mol
CAS-No.	: 75-09-2
EC-No.	: 200-838-9

Component	Classification	Concentration
Dichloromethane		
CAS-No. 75-09-2	Skin Irrit. 2; Eye Irrit. 2; Carc. 2; STOT SE	<= 100 %
EC-No. 200-838-9	3; H315, H319, H351, H336	
	Concentration limits: 20 %: STOT SE 3,	
Cores.	H336;	

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice Show this material safety data sheet to the doctor in attendance.

If inhaled

After inhalation: fresh air. Call in physician.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with

water/ shower. Consult a physician.

In case of eye contact

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

If swallowed

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Water Foam Carbon dioxide (CO2) Dry powder
Unsuitable extinguishing media
For this substance/mixture no limitations of extinguishing agents are given.
5.2 Special hazards arising from the substance or mixture
Carbon oxides
Hydrogen chloride gas
Combustible.

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

Development of hazardous combustion gases or vapours possible in the event of fire. 5.3 Advice for firefighters Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. 5.4 Further information Suppress (knock down) gases/vapors/mists with a water sprav let. Prevent fire extinguishing water from contaminating surface water or the ground water system. **SECTION 6: Accidental release measures** 6.1 Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8. 6.2 Environmental precautions Do not let product enter drains. 6.3 Methods and materials for containment and cleaning up Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area. 6.4 Reference to other sections For disposal see section 13. **SECTION 7: Handling and storage** 7.1 Precautions for safe handling Advice on safe handling Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols. Hygiene measures Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2. 7.2 Conditions for safe storage, including any incompatibilities Storage conditions Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons. Heat sensitive. Store under inert gas. Storage class Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects 7.3 Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Ingredients with workplace control parameters Derived No Effect Level (DNEL)

Application Area	Routes of exposure	Health effect	Value
Workers	Inhalation	Acute systemic effects	706 mg/m3
Workers	Inhalation	Long-term systemic effects	353 mg/m3
Workers	Skin contact	Long-term systemic effects	4750mg/kg BW/d
Consumers	Ingestion	Long-term systemic effects	0,06mg/kg BW/d
Consumers	Inhalation	Long-term systemic effects	88,3 mg/m3
Consumers	Skin contact	Long-term systemic effects	2395mg/kg BW/d
Consumers	Inhalation	Acute systemic effects	353 mg/m3

Predicted No Effect Concentration (PNEC)

Compartment	Value
Soil	0,583 mg/kg

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : <u>info@ottokemi.com</u> Web : <u>www.ottokemi.com</u>

Sea water	0,194 mg/l
Fresh water	0,54 mg/l
Sea sediment	1,61 mg/kg
Fresh water sediment	4,47 mg/kg
Onsite sewage treatment plant	26 mg/l
Aquatic intermittent release	0,27 mg/l

8.2 Exposure controls

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Viton® Minimum layer thickness: 0,7 mm Break through time: 120 min Material tested: Vitoject® (KCL 890 / Aldrich Z677698, Size M) Body Protection protective clothing Respiratory protection Recommended Filter type: Filter AX (EN 371) The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. Control of environmental exposure Do not let product enter drains.

SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties

a) Physical state b) Color c) Odor d) Melting point/freezing point e) Initial boiling point and boiling range f) Flammability (solid, gas) g) Upper/lower flammability or explosive limits h) Flash point i) Autoianition temperature j) Decomposition temperature k) pH I) Viscosity m) Water solubility n) Partition coefficient:

n) Partition coefficient n-octanol/water o) Vapor pressure p) Density Relative density liquid colorless ether-like Melting point/range: -97 °C

39,8 - 40 °C

No data available

Upper explosion limit: 22 %(V) Lower explosion limit: 13 %(V)

does not flash 605 °C at 1.013 hPa - DIN 51794 No data available

No data available Viscosity, kinematic: No data available Viscosity, dynamic: 0,42 mPa.s at 25 °C 13,2 g/l at 25 °C log Pow: 1,25 at 20 °C - Bioaccumulation is not expected.

584 hPa at 25 °C 1,325 g/mL at 25 °C No data available

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : <u>info@ottokemi.com</u> Web : <u>www.ottokemi.com</u>

11.1 Information on toxicological effects
Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:
Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg
Inhalation LC50 Rat: > 50mg/L.
Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).
Special Remarks on Toxicity
to Animals: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

SECTION 12: Ecological information

SECTION 12: Ecological information		
12.1 Toxicity		
Toxicity to fish flow-through test LC50 - Pimephales promel	as (fathead minnow) -	
193,00 mg/l - 96 h		
Remarks: (ECHA)		
Toxicity to daphnia		
and other aquatic		
invertebrates		
static test LC50 - Daphnia magna (Water flea) - 27 mg/l - 48	3 h	
(US-EPA)		
Toxicity to bacteria static test EC50 - activated sludge - 2.5	90 mg/l - 40 min	
(OECD Test Guideline 209)	C C	
Toxicity to		
fish(Chronic toxicity)		
flow-through test LC50 - Pimephales promelas (fathead mir	now) -	
471 mg/l - 8 d	,	
Remarks: (ECHA)		
12.2 Persistence and degradability		
Biodegradability aerobic - Exposure time 28 d		
Result: 68 % - Readily biodegradable.		
(OECD Test Guideline 301D)		N. A
12.3 Bioaccumulative potential		
Bioaccumulation Cyprinus carpio (Carp) - 6 Weeks		
- 250 µg/l(Dichloromethane)		1
Bioconcentration factor (BCF): 2 - 5,4		1 M
(OECD Test Guideline 305)		
Cyprinus carpio (Carp) - 6 Weeks		
- 25 µg/l(Dichloromethane)		
Bioconcentration factor (BCF): 6 - 40		
(OECD Test Guideline 305)		200
12.4 Mobility in soil		
		1.18
No data available		
No data available 12.5 Results of PBT and vPvB assessment	t to be either persistent	U)
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered		Ľ
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver		
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher.		
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties		
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product:	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and very levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain componsidered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information	y bioaccumulative (vPvB) at	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com- considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number	y bioaccumulative (vPvB) at	1474: 1503
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID: 1593	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID: 1593 14.2 UN proper shipping name	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID: 1593 14.2 UN proper shipping name ADR/RID : DICHLOROMETHANE	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID: 1593 14.2 UN proper shipping name ADR/RID : DICHLOROMETHANE IMDG : DICHLOROMETHANE	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID 1593 14.2 UN proper shipping name ADR/RID <u>EDICHLOROMETHANE</u> IMDG <u>EDICHLOROMETHANE</u> IATA <u>Dichloromethane</u>	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID 1593 14.2 UN proper shipping name ADR/RID	ponents	
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID : 1593 14.2 UN proper shipping name ADR/RID DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IATA Dichloromethane 14.3 Transport hazard class(es) ADR/RID: 6.1	y bioaccumulative (vPvB) at	IATA: 1593
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID: 1593 14.2 UN proper shipping name ADR/RID : DICHLOROMETHANE IMDG : DICHLOROMETHANE IMDG : DICHLOROMETHANE IATA : Dichloromethane 14.3 Transport hazard class(es) ADR/RID: 6.1 14.4 Packaging group	y bioaccumulative (vPvB) at ponents IMDG: 1593	IATA: 6.1
No data available 12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered bioaccumulative and toxic (PBT), or very persistent and ver levels of 0.1% or higher. 12.6 Endocrine disrupting properties Product: Assessment : The substance/mixture does not contain com considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. 12.7 Other adverse effects No data available SECTION 13: Disposal considerations 13.1 Waste treatment methods No data available SECTION 14: Transport information 14.1 UN number ADR/RID : 1593 14.2 UN proper shipping name ADR/RID DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IMDG DICHLOROMETHANE IATA Dichloromethane 14.3 Transport hazard class(es) ADR/RID: 6.1	ponents	

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product

An ISO 9001 : 2015 & GMP Certified Company 101, Aarkay Ruby Industrial Estate (1B), Opp Shree Narayan Industrial Estate, Chinchpada, Vasai East, Waliv, Maharashtra 401208. Tel : + 91 98200 41841 Email : <u>info@ottokemi.com</u> Web : <u>www.ottokemi.com</u>

14.5 Environmental hazards ADR/RID: no 14.6 Special precautions for us Tunnel restriction code Further information	ser :(E) :No data available	IMDG Marine pollutant: no	IATA: no
SECTION 15: Regulatory info	ormation		
15.1 Safety, health and environ substance or mixture	nmental regulations/legislation	specific for the	
This material safety data shee 1907/2006.	t complies with the requiremer	nts of Regulation (EC) No.	
Authorisations and/or restriction			
REACH - Restrictions on the n	<i>,</i>		
placing on the market and use			
dangerous substances, mixtur	es and articles		
(Annex XVII)			
: Dichloromethane			
Other regulations			
Observe work restrictions rega stricter national regulations wh	0 1	ccordance to Dir 92/85/EEC or	
Take note of Dir 94/33/EC on t	the protection of young people	at work.	
15.2 Chemical Safety Assessr	nent		
A Chemical Safety Assessmer	nt has been carried out for this	substance.	
Section 16: Other Informatio	n		NY I
This safety data sheet should	he used in conjunction with ter	chnical sheets. It does not replace them	The information given i

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

DISCLAIMER

Otto Chemie Pvt Ltd - products are only for laboratory use only. Not for drug, medicinal, household or any other use. No liability accepted for mishandling in use - please test before use

Otto Chemie Pvt Ltd - shall not be responsible for any damage resulting from handling or from contact with the above product.

Otto Chemie Pvt Ltd - provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product