CAS No: 99-99-0 MSDS



MATERIAL SAFETY DATA SHEET (MSDS)

 SECTION 1: Identification of the substance/mixture and of the company/undertaking

 1.1.
 Product identifier

 Product form
 : Substance

	:
CAS No	: 99-99-0
Product code	: 05037
Chemical structure	O ₂ N CH ₃

Synonyms

: 1-Methyl-4-nitrobenzene

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

1.2.1. Relevant identified uses

Use of the substance/mixture

: Laboratory chemicals, Manufacture of substances

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SPAN LAB UNIT NO. 14,SKY INDUSTRIAL ESTATE,WALIV, VASAI (E) 401208 Mumbai - INDIA PH: +91 9820509929 info@spanlab.in www.spanlab.in

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), H301 Category 3 Acute toxicity (dermal), H311 Category 3 Acute toxicity (inhal.), H331 Category 3 Specific target organ H373 toxicity - Repeated exposure, Category 2 Hazardous to the aquatic H411 environment — Chronic Hazard, Category 2

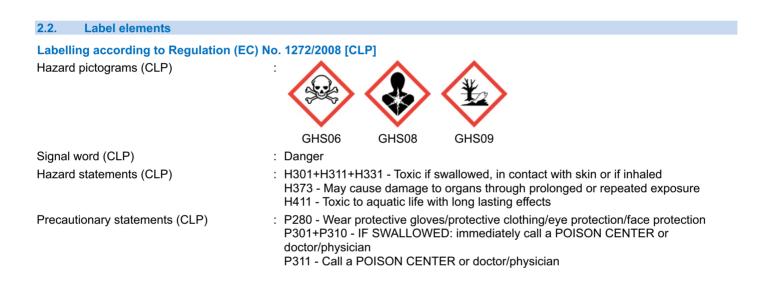
Full text of classification categories and H statements : see section 16 www.spanlab.in

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Classification according to Directive 67/548/EEC or 1999/45/EC

T; R23/24/25 N; R51/53 R33 Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects No additional information available



2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients			
3.1.	Substance		
Name	:	: 4-NITROTOLUENE FOR SYNTHESIS	
CAS No	o :	: 99-99-0	

Full text of R- and H-phrases: see section 16

3.2. Mixture

Not applicable

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SECTION 4: First aid measures

4.1. Description of first aid measures	
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell, seek medical advice.
First-aid measures after skin contact	Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Rinse mouth out with water. If you feel unwell, seek medical advice.
4.2. Most important symptoms and ef	ects, both acute and delayed
Symptoms/injuries	May cause damage to organs through prolonged or repeated exposure.
Symptoms/injuries after inhalation	Toxic if inhaled.
Symptoms/injuries after skin contact	Toxic in contact with skin.
	Toxic if swallowed.
4.3. Indication of any immediate medi	cal attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
SECTION 5. Fireinghting measures	
5.1. Extinguishing media	
Suitable extinguishing media	Water spray. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
	Do not use a heavy water stream.
0 0	
5.2. Special hazards arising from the	substance or mixture
No additional information available	
5.3. Advice for firefighters	
Protection during firefighting	Do not attempt to take action without suitable protective equipment.
r rotection during menghting	Do not allempt to take detion without suitable protective equipment.
SECTION 6: Accidental release measures	
SECTION 6: Accidental release measures	
SECTION 6: Accidental release measures 6.1. Personal precautions, protective	equipment and emergency procedures
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel	equipment and emergency procedures
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnel	
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel	equipment and emergency procedures
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency responders	equipment and emergency procedures
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency responders	equipment and emergency procedures Evacuate unnecessary personnel.
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipment	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required.
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipment	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.1.2.	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects.	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
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SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain Methods for cleaning up 6.4. Reference to other sections	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipmentEmergency procedures6.2.Environmental precautionsToxic to aquatic life with long lasting effects.6.3.Methods and material for containMethods for cleaning up6.4.Reference to other sectionsNo additional information available	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. ment and cleaning up Clear up rapidly by scoop or vacuum.
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipmentEmergency procedures6.2.Environmental precautionsToxic to aquatic life with long lasting effects.6.3.Methods and material for containMethods for cleaning up6.4.Reference to other sectionsNo additional information availableSECTION 7: Handling and storage7.1.Precautions for safe handlingPrecautions for safe handling	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. ment and cleaning up Clear up rapidly by scoop or vacuum. Do not get in eyes, on skin, or on clothing.
SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling	Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. Ment and cleaning up Clear up rapidly by scoop or vacuum. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipmentEmergency procedures6.2.Environmental precautionsToxic to aquatic life with long lasting effects.6.3.Methods and material for containMethods for cleaning up6.4.Reference to other sectionsNo additional information availableSECTION 7: Handling and storage7.1.Precautions for safe handlingPrecautions for safe handling	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. ment and cleaning up Clear up rapidly by scoop or vacuum. Do not get in eyes, on skin, or on clothing.
SECTION 6: Accidental release measures6.1.Personal precautions, protective6.1.1.For non-emergency personnelEmergency procedures6.1.2.6.1.2.For emergency respondersProtective equipmentEmergency procedures6.2.Environmental precautionsToxic to aquatic life with long lasting effects.6.3.Methods and material for containMethods for cleaning up6.4.Reference to other sectionsNo additional information availableSECTION 7: Handling and storage7.1.Precautions for safe handlingPrecautions for safe handling	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. ment and cleaning up Clear up rapidly by scoop or vacuum. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
 SECTION 6: Accidental release measures 6.1. Personal precautions, protective 6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Toxic to aquatic life with long lasting effects. 6.3. Methods and material for contain Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, inclu 	equipment and emergency procedures Evacuate unnecessary personnel. Use personal protective equipment as required. Stop release. ment and cleaning up Clear up rapidly by scoop or vacuum. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

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7.3.	Specific end use(s)		
No ado	ditional information available		
SECT	ION 8: Exposure controls/personal prote	ection	
8.1.	Control parameters		
No add	ditional information available		

8.2. Exposure controlsHand protection: protective glovesEye protection: Chemical goggles or safety glassesSkin and body protection: Wear suitable protective clothingRespiratory protection: Wear respiratory protection

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state		Solid
Molecular mass Colour	:	137.14 g/mol Yellow.
Odour	:	No data available
Odour threshold	:	No data available
рН	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	52 - 54
Freezing point	:	No data available
Boiling point	:	238 °C
Flash point	:	106 °C
Auto-ignition temperature	:	390 °C
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Density Solubility		1.392 g/cm ³ Water: Insoluble in water
Log Pow	:	No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: ≥ 0.016 vol %

9.2.	Other information	
No addit	ional information available	
SECTIO	N 10: Stability and reactivity	
10.1.	Reactivity	
No addit	ional information available	
10.2.	Chemical stability	
Stable u	nder normal conditions.	
10.3.	Possibility of hazardous reaction	S
No addit	ional information available	
10.4.	Conditions to avoid	
Direct su	Inlight. Air contact. Moisture.	
10.5.	Incompatible materials	
No addit	ional information available	
10.6.	Hazardous decomposition produ	cts
No addit	ional information available	
SECTIO	N 11: Toxicological information	
11.1.	Information on toxicological effect	ots
Acute to:	xicity	: Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: Toxic if inhaled.

Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity	 Not classified Not classified Not classified Not classified Not classified
Reproductive toxicity Specific target organ toxicity (single exposure)	: Not classified : Not classified
Specific target organ toxicity (repeated exposure) Additional information	May cause damage to organs through prolonged or repeated exposure.There are potential chronic health effects to consider
Aspiration hazard	: Not classified

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Potential adverse human health effects	Toxic if swallowed. Toxic in contact with skin.
and symptoms	

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - water	: Toxic to aquatic life with long lasting effects.

12.2.	Persistence and degradability	
4-NIT	ROTOLUENE FOR SYNTHESIS (99-	99-0)
Persis	stence and degradability	May cause long-term adverse effects in the environment.
12.3.	Bioaccumulative potential	
No add	itional information available	
12.4.	Mobility in soil	
No add	itional information available	
12.5.	Results of PBT and vPvB assess	nent
No add	itional information available	
12.6.	Other adverse effects	
No add	itional information available	
SECTI	ON 13: Disposal considerations	
13.1.	Waste treatment methods	
		: Dispose of contents/container to
	nendations	
Ecolog	y - waste materials	: Hazardous waste due to toxicity.
SECTI	ON 14: Transport information	
In acco	rdance with ADR / RID / IMDG / IATA	
0000		
4 4 4	UN number	

ususu an an lab in		00/04/2015	6/10
Proper Shipping Name (RID)	: NITROTOLUENES, SOLID		
Proper Shipping Name (ADN)	: NITROTOLUENES, SOLID		
Proper Shipping Name (IATA)	: NITROTOLUENES, SOLID		
Proper Shipping Name (IMDG)	: NITROTOLUENES, SOLID		
Proper Shipping Name (ADR)	: NITROTOLUENES, SOLID		
14.2. UN proper shipping name			
UN-No. (RID)	: 3446		
UN-No.(ADN)	: 3446		
UN-No.(IATA)	: 3446		
UN-No. (IMDG)	: 3446		
UN-No. (ADR)	: 3446		
14.1. UN number			

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Transport document description (ADR)	: UN 3446 NITROTOLUENES, SOLID, 6.1, II, (D/E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 3446 NITROTOLUENES, SOLID, 6.1, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA)	: UN 3446 NITROTOLUENES, SOLID, 6.1, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN)	: UN 3446 NITROTOLUENES, SOLID, 6.1, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID)	: UN 3446 NITROTOLUENES, SOLID, 6.1, II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)	

ADR

Transport hazard class(es) (ADR)
Danger labels (ADR)

: 6.1 : 6.1



IMDG

Transport hazard class(es) (IMDG)	
Danger labels (IMDG)	





IATA

Transport hazard class(es) (IATA)
Hazard labels (IATA)



: 6.1

: 6.1

: 6.1

:



ADN

Transport hazard class(es) (ADN) Danger labels (ADN)

RID Transport hazard class(es) (RID) Danger labels (RID)







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14.4. Packing group	
Packing group (ADR)	: 11
Packing group (IMDG)	: 11
Packing group (IATA)	: 11
Packing group (ADN)	: 11
Packing group (RID)	: 11
14.5. Environmental hazards	
Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available

14.6. Special precautions for user

- Overland transport	
Classification code (ADR)	: T2
Limited quantities (ADR)	: 500g
Excepted quantities (ADR)	: E4
Packing instructions (ADR)	: P002, IBC08
Special packing provisions (ADR)	: B4
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T3
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAH, L4BH
Tank special provisions (ADR)	: TU15, TE19
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V11
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13, CV28
Special provisions for carriage - Operation (ADR)	: S9, S19
Hazard identification number (Kemler No.)	: 60
Hazard identification number (Kemler No.)	: 60 : 60 3446
Hazard identification number (Kemler No.)	60
Hazard identification number (Kemler No.) Orange plates	60 3446
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code	60 3446 : D/E
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea	60 3446 : D/E : 2X
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG)	 60 3446 D/E 2X 500 g
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG)	 60 3446 D/E 2X 500 g E4
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG)	 60 3446 D/E 2X 500 g E4 P002
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG)	 60 3446 D/E 2X 500 g E4 P002 IBC08
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG)	60 3446 2 D/E 2 2X 500 g 2 E4 2 P002 2 IBC08 2 B2, B4
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG)	60 3446 2 D/E 2 2X 2 500 g 2 E4 2 P002 2 IBC08 2 B2, B4 2 T3
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG)	60 3446 D/E 2X 500 g E4 P002 IBC08 B2, B4 T3 TP33
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire)	60 3446 D/E 2X 500 g E4 P002 IBC08 B2, B4 T3 TP33 F-A
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Excepted quantities (IMDG) IBC packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage)	60 3446 D/E 2X 500 g E4 P002 IBC08 B2, B4 T3 TP33 F-A S-A
Hazard identification number (Kemler No.) Orange plates Tunnel restriction code (ADR) EAC code - Transport by sea Limited quantities (IMDG) Excepted quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) IBC special provisions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire)	60 3446 D/E 2X 500 g E4 P002 IBC08 B2, B4 T3 TP33 F-A

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- Air transport		
PCA Excepted quantities (IATA)	:	E4
PCA Limited quantities (IATA)	:	Y644
PCA limited quantity max net quantity (IATA)	:	1kg
PCA packing instructions (IATA)	:	669
PCA max net quantity (IATA)	:	25kg
CAO packing instructions (IATA)	:	676
CAO max net quantity (IATA)	:	100kg
ERG code (IATA)	:	6L
- Inland waterway transport		
Classification code (ADN)	:	T2
Special provisions (ADN)	:	802
Limited quantities (ADN)	:	500 g
Excepted quantities (ADN)	:	E4
Carriage permitted (ADN)	:	Т
Equipment required (ADN)	:	PP, EP
Number of blue cones/lights (ADN)	:	2
- Rail transport		
Classification code (RID)	:	T2
Limited quantities (RID)	:	500g
Excepted quantities (RID)	:	E4
Packing instructions (RID)	:	P002, IBC08
Special packing provisions (RID)	:	B4
Mixed packing provisions (RID)	:	MP10
Portable tank and bulk container instructions (RID)	:	Т3
Portable tank and bulk container special provisions (RID)	:	TP33
Tank codes for RID tanks (RID)	:	SGAH, L4BH
Special provisions for RID tanks (RID)	:	TU15
Transport category (RID)	:	2
Special provisions for carriage – Packages (RID)	:	W11
Special provisions for carriage – Loading and unloading (RID)	:	CW13, CW28, CW31
Colis express (express parcels) (RID)	:	CE9
Hazard identification number (RID)	:	60

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions 4-NITROTOLUENE FOR SYNTHESIS is not on the REACH Candidate List Safety Data Sheet

15.1.2. National regulations

Germany

AwSV/VwVwS Annex reference	: Water hazard class (WGK) 2, hazardous to water (Classification according to VwVwS, Annex 2; WGK No 644)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Denmark	
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:

r un text of N-, n- and Lon-philases.		
Acute toxicity (dermal), Category 3		
Acute toxicity (inhal.), Category 3		
Acute toxicity (oral), Category 3		
Hazardous to the aquatic environment — Chronic Hazard, Category 2		
Specific target organ toxicity — Repeated exposure, Category 2		
Toxic if swallowed		
Toxic in contact with skin		
Toxic if inhaled		
May cause damage to organs through prolonged or repeated exposure		
Toxic to aquatic life with long lasting effects		
Toxic by inhalation, in contact with skin and if swallowed		
Danger of cumulative effects		
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment		
Dangerous for the environment		
Toxic		

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product