SAFETY DATA SHEET

C

TCI EUROPE N.V.

According to 1907/2006/EC, Article 31

	Revision number: 1	
SECTION 1: Identification of th	e substance/mixture and of th	e company/undertaking
1.1 Product identifiers		
Product name:	2,4-Dinitroaniline	
Product code:	D0814	
I.2 Relevant identified uses of the Identified uses:	substance or mixture and uses ad Reagents.	lvised against
1.3 Details of the supplier of the sa	fety data sheet	
Supplier: TCI EUROPE N.V.		
Boerenveldseweg 6		
Haven 1063		
B-2070 Zwijndrecht		
Telephone: +32(0)3 735 0	7 00	
E-mail: sales-eu@tcichem		
.4 Emergency telephone number:	+32(0)70 245 245	
SECTION 2: Hazards identifica		
.1 Classification of the substance	or mixture	Cologory 2
Acute toxicity (Oral)		Category 2
Acute toxicity (Dermal)		Category 1
Acute toxicity (Inhalation)		Category 2
	Repeated exposure [Category 2]	
Long-term aquatic hazard		Category 2
2.2 Label elements Pictograms or hazard symbols	~	
	Danger	
Pictograms or hazard symbols	Danger H300+H310+H330-Fatal if sv	vallowed, in contact with skin or if inhaled.
Pictograms or hazard symbols	Danger H300+H310+H330-Fatal if sv H373-May cause damage to	organs through prolonged or repeated exposure.
Pictograms or hazard symbols Signal word Hazard statements	Danger H300+H310+H330-Fatal if sv H373-May cause damage to H411-Toxic to aquatic life wit	organs through prolonged or repeated exposure. h long lasting effects.
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SECTION 4: First aid measures		
4.1 Description of first aid measures		
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. In POISON CENTER or doctor/physician.	nmediately call a
Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of s Immediately call a POISON CENTER or doctor/physician.	soap and water.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present a Continue rinsing.Immediately call a POISON CENTER or doctor/physician.	nd easy to do.
Ingestion:	Immediately call a POISON CENTER or doctor/physician. Rinse mouth.	
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air	-tight goggles.
4.2 Most important symptoms and effec No data available	ts, both acute and delayed	
4.3 Indication of any immediate medical No data available	attention and special treatment needed	
SECTION 5: Firefighting measures		
5.1 Extinguishing media Suitable extinguishing media:	Dry chemical, foam, water spray, carbon dioxide.	
5.2 Special hazards arising from the substance or mixture	Explosion risk in case of fire. Fight fire remotely due to the risk of explosion. Take care as it may decompose upon combustion or in high temperatures to general Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx)	e poisonous fume.
5.3 Advice for firefighters	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing to the surrounding situation is used. Uninvolved persons should evacuate to a safe p fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ig safe to do so. When extinguishing fire, be sure to wear personal protective equipme	lace. In case of nition sources if
SECTION 6: Accidental release mea	asures	
6.1 Personal precautions, protective equipment and emergency procedures	Use extra personal protective equipment (self-contained breathing apparatus). Keep and upwind of spill/leak. Entry to non-involved personnel should be controlled around by roping off, etc	
6.2 Environmental precautions	Be careful not to let it flow into rivers, etc., since adverse effects on the environment	are concerned
6.3 Methods and materials for containment and cleaning up	Sweep dust to collect it into an airtight container, taking care not to disperse it. Adher material should be promptly disposed of, in accordance with appropriate laws and re	
6.4 Reference to other sections	For disposal see section 13.	
SECTION 7: Handling and storage		
7.1 Precautions for safe handling	Handling is performed in a well ventilated place. Wear suitable protective equipment. cause leakage, overflow, or dispersion. Steam should not be generated unnecessaril heat/sparks/open flame/hot surfacesNo smoking. Take measures to prevent the bu electrostatic charge. Use explosion-proof equipment. Avoid shock and friction. Wash before breaks and immediately after handling the product. Use a closed system if po exhaust if dust or aerosol will be generated. Avoid all contact!	y. Keep away from iild up of hands and face
7.2 Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store u Store locked up. Be sure not to give the container unexpected impacts, such as falling down or falling from incompatible materials such as oxidizing agents. Air-sensitive	-
7.3 Specific end use(s)	No further relevant information available.	
SECTION 8: Exposure controls/per	sonal protection]
8.1 Control parameters	No data available]
8.2 Exposure controls	Install a closed system or local exhaust. Also install safety shower and eye bath.	
Respiratory protection:	Dust respirator, self-contained breathing apparatus(SCBA), supplied air respirator, et	•
Hand protection:	approved under appropriate government standards and follow local and national regulatories impervious gloves.	uiations.
Eye protection: Skin and body protection:	Safety goggles. A face-shield, if the situation requires. Impervious protective clothing. Protective boots, if the situation requires.	
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and c	hemical properties
Physical state (20°C):	Solid
Form:	Crystal - Powder
Colour:	Pale yellow - Deep yellow
Odour:	No data available
pH:	No data available
Melting point/freezing point:	180°C
Boiling point/range:	No data available
Flash point:	No data available
Evaporation rate(Butyl Acetate=1):	No data available
Flammability(solid, gas):	No data available
Flammability or explosive limits:	
Lower:	No data available
Upper:	No data available
Vapour pressure:	No data available.
Vapour density:	6.31
Relative density:	No data available
Solubility(ies):	
[Water]	Insoluble
[Other solvents]	
Very slightly soluble:	Alcohols
Partition coefficient:	1.84
n-octanol/water:	
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Dynamic Viscosity:	No data available
Kinematic viscosity:	No data available
9.2 Other safety information	No data available

9 ner safety

SECTION 10: Stability and reactivity		
10.1 Reactivity	No data available	
10.2 Chemical stability	Stable under proper conditions.	
10.3 Possibility of hazardous reactions	May explosively decompose on heating, shock, friction, etc.	
10.4 Conditions to avoid	Heat, Shock, Friction	
10.5 Incompatible materials	Oxidizing agents	

10.6 Hazardous decomposition products Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx)

SECTION 11: Toxicological information 11.1 Information on toxicological effects Acute Toxicity: ipr-rat LDLo:250 mg/kg orl-rat LD50:285 mg/kg Skin corrosion/irritation: No data available Serious eye damage/irritation: No data available Respiratory or skin sensitization: No data available Germ cell mutagenicity: dns-rat-lvr 50 umol/L mmo-sat 10 ug/plate (+S9) mmo-sat 2 ug/plate (-S9) Carcinogenicity:

No data available IARC = NTP = No data available Reproductive toxicity: ihl-rat TCLo: 17 mg/m³/4H (1-7D preg) ihl-rat TCLo: 1100 ug/m3/4H (1-7D preg) STOT-single exposure: No data available STOT-repeated exposure: No data available No data available Aspiration hazard: **RTECS Number:** BX9100000

SECTION 12: Ecological information		
12.1 Toxicity		
Fish:	No data available	
Crustacea:	No data available	
Algae:	No data available	
12.2 Persistence and degradability	4% (by BOD)	
12.3 Bioaccumulative potential	No data available	
12.4 Mobility in soil		
Log Pow:	1.84	
Soil adsorption (Koc):	No data available	
Henry's Law (PaM ³/mol):	No data available	
12.5 Results of PBT and vPvB assess		
PBT:	Not applicable	
vPvB:	Not applicable	
12.6 Other adverse effects	No data available	
SECTION 13: Disposal considera 13.1 Waste treatment methods	tions	
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14.6 Special precautions for user No data available

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Water Hazard Classes (WGK) : Class 2 - Hazard to waters Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No.1907/2006

15.2 Chemical safety assessment

14.5 Environmental hazards Marine pollutant

A chemical safety assessment has not been carried out.

SECTION 16: Other information	
Prepared by:	TCI EUROPE N.V.
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This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. The products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

End of Safety Data Sheet