

Material Safety Data Sheet
(according to EG directive 1907/2006)

1. Supplier			
Product name	Nordson Cleaner C		
Application	Glue remover		
Supplier	Nordson Benelux BV	ESC-BNL@NORDSON.COM	
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2. Hazards Identification			
Main hazards	Irritating to eyes and skin. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.		
3. Composition			
Chemical characterisation	Blend of natural essential oil, water and emulsifier		
Hazardous components (in case of pure materials)	%m/m	Cas No	EINECS No.
Citrusterpenes Xn; N; R10, R38, R43, R50/53, R65 (citrus extracts)	>30	8028-48-6	232-433-8
Blend of anionic and non-ionic detergents Xi; R38, R41	1-5	Blend	Blend
Aliphatic hydrocarbons (Note P) Xn; R65, R66	>30	64742-47-8	265-149-8
Ingredients according to EC Regulation 648/2004			
Nonionic surfactants			<5%
Anionic surfactants			<5%
4. First Aid Measures			
In case of contact via			
Inhalation	Take the person involved into fresh air, rest, seek medical advice when symptoms continue.		
Skin	Take off contaminated clothes and wash with water and soap thoroughly. Seek medical advice when irritation continues.		
Eyes	Flush with plenty of water as long as possible. Keep eyelids from eyeballs to ensure careful cleaning. Always seek medical advice!		
Ingestion	Rinse mouth with water, spit out every time, do not induce vomiting, seek medical advice!		
5. Fire Fighting Measures			
Extinguishing media	Carbon dioxide, powder, water jet, foam		
Extinguishing media to avoid	All other extinguishing media		
Unusual fire and explosion hazards	Unknown		
Hazardous combusting products	Unknown		
Special fire fighting procedures	Standard protective equipment, if necessary use breathing apparatus		
6. Accidental Release Measures			
Personal precautions	Wear suitable gloves (PVC) and safety goggles, good ventilation		
Environmental precautions	Collect as many product as possible and store in clean container for re-use or as waste deposit		
Methods of cleaning up	Absorb with absorbing materials and store in container		
7. Handling and Storage			
Safe handling precautions	Good ventilation		
Technical precautions	Take usual precautions when working with cleaning agents		
Safe storage	Keep drum tightly closed. Store in accordance with national legislation.		
Packing material	Polyethylene, PET, metal		
8. Exposure controls / personal protection			
Technical measures	Normal ventilation, prevent static electricity or other ignition sources.		
Hygienic precautions	Do not eat, drink or smoke during use of the product		
Exposure limit(s)	MAC-VALUE: Substance is not subject to recognised exposure limits.		
Personal protection			
- Respiratory	Good ventilation		
- Hands	Wear rubber gloves (PVC)		
- Eyes	Wear safety goggles		
- Skin	Avoid skin contact		
9. Physical and chemical properties			
Appearance	Liquid		
Colour	Colourless		
Odour	Citrus		
Boiling point	Unknown		
PH	n.a.		
Viscosity	Unknown		
Melting point	Unknown		
Vapour pressure	Unknown		
Vapour density	Unknown		
Relative density	0,82		
Flash point	64°C		
Auto flammability	>200°C		
Explosion limits %			
- lower	Unknown		
- upper	Unknown		

Oxidizing properties	None
Solubility	
- in water	Emulsifiable (instable)
10. Stability and reactivity	
Stability	Stable under normal conditions
Conditions to avoid	Avoid the risk of static electricity
Materials to avoid	Grounds which can be affected by solvents; if in doubt first try at a less visible place.
Hazardous decomposition	No known hazardous decompositions products
11. Toxicological information	
Direct toxicity	Nordson Cleaner C in itself is not toxicologically investigated.
- respiration	Throat ache, coughing, shortness of breath
- skin contact	Redness, pain
- eye contact	Redness, pain
- Ingestion	Stomach ache, diarrhoea, dizziness, sickness
Other information	None
12. Ecological information	
Ecotoxic effects	Nordson Cleaner C is biodegradable
Further information	--
13. Disposal considerations	
Disposal of residue / unused products	Absorb residue with absorbing materials and store in closed containers. Transport in accordance with local legislation. Flush away last residue into sewer using plenty of water.
Polluted packing	Completely empty packing. Can be offered for recycling, reconditioning or destruction.
14. Transport information	
Un-Nr.	--
ADR/RID	
- class	--
- number	--
IMO/IDG class	--
ICAO/IATA class	--
15. Regulatory Information	
Chemical identification	Glue remover
Annex I numbering	n.a. (preparation)
Classification based on:	Calculation method
Symbol(s)	Harmful; Dangerous to the environment
Risk phrases	R36/38 Irritating to eyes and skin. R43 May cause sensitisation by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed
Safety phrases	S24 Avoid contact with skin. S37 Wear suitable gloves and eye/face protection. S60 This material and its container must be disposed of as hazardous waste. S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
16. Other information	
Legislation	This Material Safety Data Sheet meets the EG line of action (1907/2006).
Explanation of Risk phrases from chapter 2 (in case of pure material)	R10 Flammable R38 Irritating to skin R41 Risk of serious damage to eyes R43 May cause sensitisation by skin contact R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 Harmful; may cause lung damage if swallowed R66 Repeated exposure may cause skin dryness or cracking
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