



MATERIAL SAFETY DATA SHEET(MSDS)

1. Identification of the substance/preparation and company/undertaking				
Product name	NeoDye DNA Red			
Product number	NB-54-0030-02			
Company Name	Neo Biotech			
Loc	74, rue des Suisses 92000 Nanterre - France			
Tel	+33 9 77 40 09 09 +33 9 77 40 10 11			
Email	info@neo-biotech.com			
2. Hazards identification				
Material hazard categories				
Health hazard effects	May cause eye and skin irritation. May cause respiratory and digestive tract irritation.			
Main symptoms				
Environmental effects	Not available			
Physical and chemical hazards	Not available			
Special hazards	Not available			
3. Composition/information on ingredients				
Substance _____ Preparation _____				
Parts Name	Main components	CAS number	Percentage%	EC number
NeoDye DNA Red	H ₂ O	7732-18-5	≤ 50	
	DMSO	67-68-5	≤ 50	
4. First-aid measures				
Inhalation	In case of irritation by inhaling this product, move affected person to fresh air and await recovery. If irritation persists, seek immediate medical attention.			
Ingestion	Induce vomiting. If indisposition continues, seek medical attention.			
Skin Contact	Wash with clean water, immediately.			
Eye contact	Flush eyes with clean water for more than 15 minutes and seek medical attention.			
Protection of first-aiders	Not available			
Notes to physician	Not available			

5. Fire-fighting measures			
Extinguishing media	Suitable	Water, Carbon Dioxide, Foam, Dry Chemical Powder	
	Not suitable		
Special exposure hazards			
Hazardous combustion products			
Special protective equipment for fir-fighters			
6. Accidental release measures			
Personal precautions		Avoid substance contact	
Environmental precautions		Do not discharge directly into sewers.	
Large spill			
Small spill		Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.	
7. Handling and storage			
Handling		Wear protective equipments and avoid contact with eyes and skin. Handle with ventilation and local exhaust system.	
Storage		Store in the sampling tube. Store at about 15~25°C	
Packing materials			
8. Exposure controls/personal protection			
Control parameters	exposure limits		
	biological limits		
Engineering controls		Set up good ventilation and exhaust system in the work area.	
Respiratory protection		No special protective equipment required. If ventilation is poor, please wear respirators and components that are suitable for government standard testing and approval.	
Hand protection		No special protective equipment required. If there is a risk of splashing, please wear safety gloves.	
Eye protection		No special protective equipment required. If there is a risk of splashing, please wear safety goggles.	
Skin protection		No special protective equipment required. If there is a risk of splashing, wear long sleeves to prevent contact with the skin.	
Hygiene measures		Operate in accordance with good industrial hygiene and safety practices.	
Environmental exposure control			
9. Physical and chemical properties			
physical state	Liquid	shape	
color	Colorless	odour	None
PH value		boiling point/ range	No data available
decomposition temperature	No data available	flash point	No data available
ignition temperature		explosive properties	
vapour pressure		vapour density	
relative density		solubility	Soluble in water.
oxidising properties		partition coefficient	
other properties			

10. Stability and reactivity		
stability	Stable under normal handling and storage conditions	
Conditions to avoid	Not available	
Materials to avoid	Strong acids, strong alkalines and strong oxidizers	
Hazardous decomposition Products	Not available	
11. Toxicological information		
Acute toxicity	Inhalation	Not available
	Ingestion	Not available
	Skin Contact	Not available
	Eye Contact	Not available
	LD50	Not available
	LC50	Not available
sensitisation	Not available	
Potential chronic health effects Chronic toxicity	Not available	
Carcinogenicity		
Mutagen city	Not available	
Teratogenicity	Not available	
Reproductive toxicity	Not available	
Local effects	Not available	
Special effects	May cause eye and skin irritation. May cause respiratory and digestive tract irritation.	
12. Ecological Information		
Environmental effects	Not available	
Aquatic ecotoxicity	Not available	
Biodegradability	Not available	
Other adverse effects	Not available	
13. Disposal considerations		
Methods of disposal	Dispose of in accordance with all applicable local and national laws and regulations.	
Hazardous waste	Not available	
14. Transport information		
UN number	Not classified	
Classes		
Packing		
Label		
Transport way and notice		
Other information	Follow all of the laws and regulations in your respective. To prevent packages from breaking, handle with care.	

15. Regulatory information	
Regulations	Follow all of the laws and regulations in your country.
Additional warning phrases	
16. Other information	
References	
Prepared by	
Date of issue	2022.10.10
Version	1.0
Changes different form previous version	
Other information	