

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	TURBO Rust Cleaner
MANUFACTURER	Turbo Paint, NDW Chemical Co., Ltd.
TELEPHONE	(662) 750 6804
FAX	(662) 312 1707
EMAIL ADDRESS	marketing.ndw@gmail.com
ADDRESS	87/1 Moo 11 Thanasit, Theparak Rd., Bangplee, Samutprakarn 10540 Thailand

SECTION 2 – INFORMATION ON INGREDIENTS

NAME	CAS No.	UN No.	%	RISK PHRASES
Sodium Thioglycolate	367-51-1	-	10-20	
Potassium Hydroxide Solution (40%)	1310-58-3	-	1-2	
RO Water	-	-	40-50	
Fragrance	-	-	< 0.05	
Sodium Dodecyl Poly	9004-82-4	-	3-5	

SECTION 3 – HARZARDS IDENTIFICATION

Inflammable
Irritating to eyes and skin.
May cause sensitization by skin contact.
Harmful by inhalation and in contact with skin.

SECTION 4 – FIRST AID MEASURES

Eye Contact	Flush with water immediately for 15 minutes. Consult a physician.
Skin Contact	Flush skin with plenty of water while removing contaminated clothing and shoes. Launder clothing before reuse. If rash or irritation develops, consult a physician.
Inhalation	Remove to fresh air. Administer oxygen if necessary. Consult a physician

if symptoms persist or exposure was severe.

Ingestion

If swallowed do not induce vomiting. Seek immediate medical attention.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media

Recommended: alcohol resistant foam, CO₂, powders, water spray.

Recommendations

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Exclude sources of ignition and ventilate the area. Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8.

Spill

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

SECTION 7 – HANDLING AND STORAGE

Handling

Do not get in eyes, on skin, or on clothing. Keep container tightly closed when not in use. Wear personal protection equipment. Do not breathe vapors. Wash thoroughly after handling. If pouring or transferring materials, ground all containers and tools. Do not weld, heat, cut or drill on full or empty containers. Avoid breathing vapors or spray mist.

Storage

Keep away from heat, sparks, open flames and oxidizing agents. Keep containers closed. Store in a cool, dry place with adequate ventilation.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures	Provide forced air ventilation when applying in confined spaces.
Respiratory Protection	Unlikely to be necessary. Use approved chemical filter respirator.
Eyes	Safety glasses or chemical eye goggles are suggested.
Hands	Non-natural, non-butyl rubber gloves are recommended.
Skin	Use protective clothing. Remove contaminated clothing and wash the affected with soap and water.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Milky White
Odor	Low Odor
Specific Gravity	1.00 + - 0.3
Viscosity	-
Solubility in Water	Soluble

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions (see section 7).
Hazardous Decomposition Products	carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
Strong exothermic reactions	oxidizing agents, strong alkalis, strong acids.

SECTION 11 – TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 – ECOLOGICAL INFORMATION

Prolonged or repeated contact may cause chronic dermatitis. Appreciable evaporation to air is expected in the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Method of disposal

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 – TRANSPORT INFORMATION

Proper shipping name Thioglycolic Acid Sodium Salt Solution
Packing Group III
Hazard Class IATA: 9
UN No. IATA: 3335

SECTION 15 – REGULATORY INFORMATION

Highly flammable
Harmful by inhalation, in contact with skin and if swallowed
Irritating to eye and skin
Keep out of reach of children
Keep away from sources of ignition – No Smoking
Do not breathe gas/fumes/vapour/spray
Avoid contact with skin and eyes
Wear suitable protective clothing, gloves and eye/face protection

SECTION 16 – OTHER INFORMATION

This document could not be used for certifying the quality of the product.

This document presents the information of the product and to be used for safety only.

Remark The above information and data given here is based on test, experiences that are considered reliable and believed to be accurate. For more information, please contact R&D department of NDW Co., Ltd.