

NEUTRAL RED

SECTION 1: PRODUCT IDENTIFICATION

Product Name: NEUTRAL RED

Product Code: TBL 089

CAS#: Not available.

Chemical Formula: Not available.

Synonyms: Toluylene red, 3-Amino-7-dimethylamino-2-methylphenazine, Basic Red 5

Molecular Formula: Not available.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name: Ethanol, Methanol, Eosin-G, 4,4'-[1,3-phenylenebis(azo)]bis-1,3-benzenediamine dihydrochloride

Toxicological Data on Ingredients: Not available

SECTION 3: HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 2), H225

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 2), Eyes, Central nervous system, Respiratory system, Skin, Gastrointestinal absorption, Aquatic toxicity, H372, H373, H374, H375, H410, H411, H412, H413, H414, H415, H416, H417, H418, H419, H420, H421, H422, H423, H424, H425, H426, H427, H428, H429, H430, H431, H432, H433, H434, H435, H436, H437, H438, H439, H440, H441, H442, H443, H444, H445, H446, H447, H448, H449, H450, H451, H452, H453, H454, H455, H456, H457, H458, H459, H460, H461, H462, H463, H464, H465, H466, H467, H468, H469, H470, H471, H472, H473, H474, H475, H476, H477, H478, H479, H480, H481, H482, H483, H484, H485, H486, H487, H488, H489, H490, H491, H492, H493, H494, H495, H496, H497, H498, H499, H500, H501, H502, H503, H504, H505, H506, H507, H508, H509, H510, H511, H512, H513, H514, H515, H516, H517, H518, H519, H520, H521, H522, H523, H524, H525, H526, H527, H528, H529, H530, H531, H532, H533, H534, H535, H536, H537, H538, H539, H540, H541, H542, H543, H544, 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For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wetbrushing and place in container for disposal according to local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Storage conditions

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C

Storage class : (TRGS 510): 3: Flammable liquids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Respiratory protection

Respiratory protection is not required. If protection from nuisance levels of dusts are desired, use type N95 or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance Form	: Crystalline
Odour	: Not Available
Taste	: Not Available
Molecular Weight	: Not Available
Colour	: Green
pH	: Not Available
Boiling Point	: Not Available
Melting Point	: Not Available
Critical Temperature	: Not Available



Relative Density	: Not Available
Vapor Pressure	: Not Available
Vapor Density	: Not Available
Volatility	: Not Available
Odor Threshold	: Not Available
Water/Oil Dist. Coeff.	: Not Available
Ionicity (in Water)	: Not Available
Dispersion Properties	: Not Available
Solubility	: Not Available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under recommended storage conditions.
Instability Temperature: Not Available
Conditions of Instability: . Not Available
Incompatibility with various substances: Strong oxidizing agents
Special Remarks on Reactivity: Not Available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity to Animals:
No data available
LD50 Intraperitoneal - Mouse - 432 mg/kg
LD50 Intravenous - Rat - 112 mg/kg
Serious eye damage/eye irritation: Not available.
Respiratory or skin sensitization: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Toxicity of the Products of Biodegradation Not available.
Toxicity of the Products of Biodegradation: Not available..
Special Remarks on the Products of Biodegradation: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number
ADR/RID: IMDG: IATA:

UN proper shipping name
ADR/RID: Not Dangerous goods
IMDG: Not Dangerous goods
IATA: Not Dangerous goods



Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

Packaging group

ADR/RID:

IMDG:

IATA:

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

No data available

SECTION 15: OTHER REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION**References: Full text of H AND R-Statements.**

Not available

Other Special Considerations: Not available

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.