

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-346/3468-63-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

3468-63-1

**Code:**

M

**RTECS:**

QL3854000

**Code:**

M

**Name:**

DNA ORANGE

**Other REC Limits:**

NK

**OSHA PEL:**

NK

**Code:**

M

**OSHA STEL:**

Code:

**ACGIH TLV:**

NA

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE HYDROCARBON VAPOR CANISTER OR SUPPLIED AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED

**Ventilation:**

USE EXPLOSION PROOF EQUIPMENT

**Protective Gloves:**

CHEMICAL RESISTANT GLOVES

**Eye Protection:**

SPLASH GOGGLES OR FACE SHEILD

**Other Protective Equipment:**

Equipment CHEMICAL RESISTANT APRON OR OTHER CLOTHING IF NEEDED TO AVOID PROLONGED SKIN CONTACT

**Work Hygienic Practices:**

NK

**Supplemental Safety and Health:**

AVOID BREATHING VAPORS. PROLONGED REPEATED CONTACT WITH SKIN

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

N/P

**IARC:**

N/P

**OSHA:**

N/P 3

**Health Hazards Acute And Chronic:**

INHAL; HIGH VAPOR CONCENTRATION MAY HAVE RESULTS OF DIZZINESS, HEADACHES, UNCONSCIOUSNESS. PROLONGED OR REPEATED LIQUID CONTACT, WILL DRY, DEFAT SKIN, LEAD TO IRRITATION AND DERMATITIS

**Explanation Of Carcinogenicity:**

NK

**Signs And Symptoms Of Overexposure:**

DRY AND DEFAT SKIN, LEADING TO IRRITATION AND DERMATITIS

**Medical Cond Aggravated By Exposure:**

TRouble BREATHING, BREATHING, SKIN AND EYES

**First Aid:**

OVERCOME BY VAPOR, REMOVE FROM EXPOSURE, SEEK A PHYSICIAN. IF BREATHING IS IRREGULAR OR SPED, START RESUSCITATION, ADMINISTER OXYGEN. INGESTED; DO NOT INDUCE VOMITING; CALL A PHYSICIAN. SKIN CONTACT; REMOVE ANY CONTAMINATED CLOTHS AND WASH SKIN W/SOAP & WTR 15 MIN. OR UNTIL IRRITATION SUBSIDES

**Spill Release Procedures:**

REMOVE ALL IGNITION SOURCES. KEEP PEOPLE RECOVER FREE LIQUID. ADD ABSORBENT (SAND, EARTH, SAWDUST, ETC.) TO SPILL AREA. AVOID BREATHING. VENTILATE SPACES. KEEP PETROLEUM PRODUCTS OUT OF SEWERS AND WATER COURSES

**Neutralizing Agent:**

NK

**Waste Disposal Methods:**

ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE ABSORBED MATERIAL AT DISPOSAL SITE OR FACILITY

**Handling And Storage Precautions:**

NK

**Other Precautions:**

AVOID BREATHING VAPORS, AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE

## Fire and Explosion Hazard Information

**Flash Point Method:**

TCC

**Flash Point:**

105 F / 40.56

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

NK

**Upper Limits:**

NK

**Extinguishing Media:**

FOAM, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR SELF CONTAINED BREATHING APPARATUS. WATER MAY BE UNSUITABLE EXCEPT AS A COOLING AGENT

**Unusual Fire/Explosion Hazard:**

NK

## Physical/Chemical Properties

**HCC:**

F4

**NRC/State LTC No:**

NK

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

326-387

**Melt / Freeze Pt:**

N/P

**M.P/F.P Text:**

NK

**Decomp Temp:**

NK

**Decomp Text:**

NK

**Vapor Pres:**

SMM

**Vapor Density:**

4.9

**Volatile Org Content %:**

N/P

**Spec Gravity:**

.95

**VOC Pounds/Gallon:**

N/P

**PH:**

NK

**VOC Grams/Liter:**

N/P

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

.1

**Solubility in Water:**

NK

**Appearance and Odor:**

STANDARD PAINT ODOR

**Percent Volatiles by Volume:**

25

**Corrosion Rate:**

NK

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NK

**Materials To Avoid:**

STRONG OXIDANTS; LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM OR CALCIUM HYPOCHLORITE

**Hazardous Decomposition Products:**

FUMES, SMOKE, CARBON MONOXIDE, IN THE CASE OF INCOMPLETE COMBUSTION

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/P

## Toxicological Information

**Information:**

N/P

## MSDS/Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

## LookChem

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