



Citrus Orange Deodorizer

Nature's Orange

Professional Formula

DESCRIPTION

NATURE'S ORANGE leaves the home or commercial cleaning location with the clean and subtle fragrance of an orange grove. **NATURE'S ORANGE** can be added to a fresh water tank or diluted in a trigger sprayer for refreshing an area and is ideal for all cleaning situations where a fresh and pleasing odor will enhance the atmosphere of the location.

NATURE'S ORANGE is highly concentrated, making it easy to use and economical. **NATURE'S ORANGE** is safe on all fibres and it's subtle, long-lasting effect will be an ally for repeat business and referrals.

NATURE'S ORANGE can be effective in the removal of odors on hard surfaces as well.

pH on dilution: 7.5 Meets specifications for use on stain resistant carpet.

PREPARATION

Odor Control Additive:

Use 1 oz of **NATURE'S ORANGE** per US gallon of diluted cleaning solution (8 ml/litre) (1:128), or more depending on requirements.

Rooms and spray applications:

Use 3 oz. of **NATURE'S ORANGE** per 1 quart water in a trigger sprayer (94 ml/946 ml water in trigger sprayer) (1:10) and spray lightly into the air. Very effective and will not stain sheets, drapes or clothing. Do not spray undiluted **NATURE'S ORANGE**.

General use:

Use full strength when cleaning urinals, toilets, garbage receptacles and dumpsters to remove offensive odors.

CAUTION

Before application, pretest for colorfastness and fibre stability in an inconspicuous area. Read MSDS before use.

PHYSICAL DATA

Appearance	Clear liquid
Color	Orange
Foam	Low
Odor	Citrus scent
pH	7.0 - 7.5



- Variety of Uses
- Fresh, clean scent
- Concentrated formula

Your customers deserve the red carpet treatment. We think you deserve it too!

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **NATURE'S ORANGE**

WHMIS CODE: D2B

Product Use: *Malodor carpet deodorizer.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

HMIS

1	Health
0	Flammability
0	Reactivity
A	Personal

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

M-chem Technologies Inc.
1607 Derwent Way
Delta, BC V3M 6K8, Canada
Phone: (604) 526-5655

EMERGENCY PHONE

Canada: Canutec 613-996-6666

U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
Alcohols, C-10, Ethoxylated	26183-52-8	1.0 - 5.0	N/A	N/E
LD50 (oral rat) > 500 mg/kg				
LC50 Not Available				
ISOPROPYL ALCOHOL	67-63-0	1.0 - 5.0	400 PPM	400 PPM
LD50 (oral rat) 5,045 mg/kg				
LD50 (dermal) 12,800 mg/kg (Rabbit)				
LC50 No data				

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear orange, citrus odor	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH on dilution: 7.0 – 7.5
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.00 @ 20°C
Coeff. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC)	Sensitivity to Mechanical Impact: None.	Extinguishing Media: Not flammable.
Flammable Limits: None known.	Sensitivity to Static Discharge: None.	Auto ignition Temperature: None known.
Unusual Fire and Explosion Hazards: None.		Conditions of Flammability: None.
Hazardous Combustion Products: None known.		
Special Fire Fighting: Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.		

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): None known.
Hazardous Decomposition Products: None known.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.	Routes of Entry: Skin and eye contact, inhalation.
Irritancy of Product: Irritating to eyes.	Carcinogenicity: None known.
Sensitization: None known.	Mutagenicity: None known.
Teratogenicity: None known.	Reproductive Toxicity: None known.
Name of Toxicological	Synergistic Product: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation, dryness or dermatitis.	
Effects of Acute Exposure to Product: Product exposure may cause skin and eye irritation. Prolonged inhalation of vapors or mists may irritate respiratory tract causing headaches, nausea, central nervous system effects, etc. Ingestion may cause gastrointestinal discomfort, and symptoms similar to inhalation.	

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. However, if product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.
Ventilation: Good general ventilation or local exhaust ventilation for concentrated spraying and misting in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile, or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or glasses.
Protective Clothing and Equipment: Normally not required.
Storage and Handling Procedures: Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.
Waste Disposal Method: Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Store at temperature below 30°C and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE