

Distinctive Details
1253 Lower Elkton Road
Columbiana, OH 44408 USA
1-800-711-7021

PRODUCT: Distinctive Details Orange Muscle All-Purpose Cleaner - 510 g

Part # 90186

SECTION 01: IDENTIFICATION

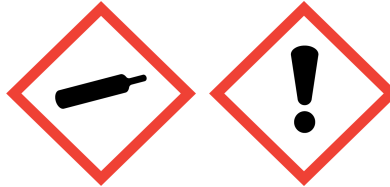
Product Item Numbers..... 90186
Product Identity..... Distinctive Details Orange Muscle All-Purpose Cleaner - 510 g
Supplier Distinctive Details, Inc.
1253 Lower Elkton Road
Columbiana, OH 44408
USA
800-711-7021

24 hour emergency telephone number.....

In The United States: Call CHEMTREC (800) 424-9300. In Canada: Call CANUTEC (613) 996-6666

Recommended Use..... Cleans and Degreases: Vinyl, Plastic, and Hard Surfaces.
Chemical Family..... Mixture.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:

Signal Word..... WARNING.

Hazard Classification:

Physical Hazards..... Aerosols - Category 3. Gases Under Pressure - Liquefied Gas.

Health Hazards..... Skin Irritation - Category 3. Eye Irritation - Category 2A. Skin Sensitization - Category 1.

Environmental Hazards..... Not Classified.

Hazard Statement..... H229:Pressurised container: May burst if heated (3). H280:Contains gas under pressure; may explode if heated (L). H316:Causes mild skin irritation. H319:Causes serious eye irritation. H317:May cause an allergic skin reaction.

Precautionary Statements:

Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251:Do not pierce or burn, even after use. P264:Wash hand thoroughly after handling. P280:Wear eye protection/face protection. P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P272:Contaminated work clothing must not be allowed out of the workplace.

Response..... P302+P352:IF ON SKIN: Wash with plenty of water. P333+P313:If skin irritation or rash occurs: Get medical advice/attention. P362+P364:Take off contaminated clothing and wash it before reuse. P321:For specific treatment see section 4 on this SDS. P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313:If eye irritation persists: Get medical advice/attention.

Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. P403:Store in a well ventilated place .

Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Hazard(s) not otherwise classified (HNOC) Use only as directed.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Isobutane	75-28-5	3-7
2-Butoxyethanol	111-76-2	1-5
D-Limonene	5989-27-5	0.1-1

PRODUCT: Distinctive Details Orange Muscle All-Purpose Cleaner - 510 g**Part # 90186****SECTION 04: FIRST-AID MEASURES**

Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.
Skin Contact.....	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Consult a poison control centre or physician immediately.
Eye Contact.....	Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.
Ingestion.....	Ingestion is unlikely to occur. If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention.
Most important symptoms/effects, acute .. and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media.....	Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
Unsuitable Extinguishing Media.....	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical	In case of fire, the following can be released: Carbon Oxides (CO, CO2), Other unidentified Organic Compounds.
Special Protective Equipment and .. Precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
General Fire Hazards.....	Non-flammable aerosol.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective .. Equipment and Emergency Procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
Methods and Materials for Containment .. and Cleaning Up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.
Environmental Precautions.....	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid breathing vapour of this product. Avoid contact with skin and eyes. Avoid prolonged exposure. Use in well-ventilated areas.
Conditions for Safe Storage including any Incompatibilities	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		NIOSH
	TWA	STEL		STEL	REL	
Isobutane	Not available	1,000 ppm	Not available	Not available	Not available	Not available
2-Butoxyethanol	20 ppm	Not available	50 ppm	Not available	Not available	Not available
D-Limonene	Not available	Not available	Not available	Not available	Not available	Not available
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.					
Individual Protection Measures:						
Eye/Face Protection.....	Chemical splash goggles are recommended.					
Skin Protection.....	Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.					

PRODUCT: Distinctive Details Orange Muscle All-Purpose Cleaner - 510 g**Part # 90186****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory Protection..... Use dust and mist respirator.
 Thermal Hazards..... None Known.
 General Hygiene Considerations..... When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
 Routinely wash work clothing and protective equipment prior to use.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Form..... Aerosol.
 Physical Appearance..... Mist.
 Odor..... Fragrance.
 Odor Threshold (ppm)..... N/A.
 Specific Gravity (Aerosol)..... 0.880-0.980.
 pH..... Not available.
 Boiling Point liquid (°C)..... Not available.
 Melting/Freezing Point (°C)..... N/A.
 Flash Point (°C), Method..... Closed cup: -83.15 °C (-117.7 °F). (Propellant).
 Flashback..... N/A.
 Solubility in water..... Miscible in water.
 Aerosol Flame Projection..... No data.
 Auto Ignition Temperature (°C)..... 460°C (860°F). (Propellant).
 Lower Flammable Limit (% Vol)..... 1.8. (Propellant).
 Upper Flammable Limit (% Vol)..... 8.4. (propellant).
 Coefficient of Water/Oil Distribution..... N/A.
 Viscosity..... N/A.

SECTION 10: STABILITY AND REACTIVITY

Reactivity Product not reactive under normal conditions of use.
 Chemical Stability..... Material is stable under normal conditions.
 Possibility of Hazardous Reactions..... Will not occur.
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.
 Incompatible Materials..... Keep away from heat. Strong oxidizing agents.
 Hazardous Decomposition Products..... See Section 05.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
2-Butoxyethanol	450 ppm (Rat - 4 hrs)	470 mg/kg (Oral - Rat)
D-Limonene	Not available	2,000 mg/kg (Oral - Rat)
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation.....	Yes.	
Routes of entry - Skin & Eye.....	Yes.	
Routes of entry - Ingestion.....	Yes.	
Routes of entry - Skin Absorption.....	No.	
Symptoms Related to the Physical,	Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.	
Chemical and Toxicological Characteristics	Harmful or fatal if swallowed. Irritating to the eyes, nose and throat. Skin contact may cause irritation.	
Acute Toxicity.....	May cause mild skin irritation.	
Skin Corrosion/Irritation.....	Causes eye irritation.	
Serious Eye Damage/Eye Irritation.....	May cause an allergic skin reaction.	
Respiratory or Skin Sensitization.....	No information is available, and no adverse effects are expected.	
Germ Cell Mutagenicity.....	Not Classifiable as a Human Carcinogen.	
Carcinogenicity.....	No information is available, and no adverse effects are expected.	
Reproductive Toxicity.....	Not classified.	
STOT - Single Exposure.....	Not classified.	
STOT - Repeated Exposure.....	Not classified.	
Aspiration Hazard.....	No information is available, and no adverse effects are expected.	
Chronic Effects.....		

PRODUCT: Distinctive Details Orange Muscle All-Purpose Cleaner - 510 g**Part # 90186****SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. This product contains the following substance which may also be hazardous for the environment: Ammonia Solution (CAS#: 7664-41-7): Toxicity to fish: LC50 0.16- 1.1mg/L, 96 hrs; Toxicity to other aquatic invertebrates: EC 50 25.4 mg/L, 48 hrs; Toxicity to algae: EC50 >2,700 mg/L, 432 hrs. D-Limonene (CAS#: 5989-27-5): Toxicity to Fish: LC50 0.702 mg/L,96hr; Toxicity to Aquatic Invertebrate: EC50 0.421mg/L, 48hr; Toxicity to Algae: 1.81 mg/L.
Persistence and degradability	The product itself has not been tested.
Bioaccumulation Potential.....	The product itself has not been tested.
Mobility in Soil.....	The product itself has not been tested.
Other Adverse Effects.....	None Known.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods.....	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial and federal regulations. Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty.
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SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road).....	UN1950, AEROSOLS, Class 2.2, Ltd. qty.
DOT (US-Road).....	UN1950, AEROSOLS, Class 2.2, Ltd. qty., Consumer Commodity, ORM-D.
IMDG (International- Marine).....	UN1950, AEROSOLS, Class 2.2, Ltd. qty.
IATA (International- Air).....	UN1950, AEROSOLS, Class 2.2, Ltd. qty.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:.....	Refer to Section 2 for a WHMIS 2015 Classification for this product.
Canadian Environmental Protection Act ... (CEPA)	All ingredients listed appear on the Domestic Substances List (DSL).
US Regulations	
TSCA Inventory Status.....	All components are listed on TSCA .
OSHA.....	This product is considered hazardous under the Federal OSHA hazard communication standard.
California Proposition 65.....	This product does not contain any chemical(s) known to the state of California to cause cancer or reproductivity toxicity.

SECTION 16: OTHER INFORMATION

Disclaimer.....	The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.
Abbreviations.....	ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.
Prepared by	Regulatory Affairs
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