

# SAFETY DATA SHEET

MSDS DATE: 05/19/2015

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ARC LABORATORIES BITTER ORANGE  
PRODUCT CODES: 463858, 463879  
MANUFACTURED FOR: MIRACLECORP PRODUCTS  
ADDRESS: 2425 W. DOROTHY LANE, DAYTON, OH 45439

EMERGENCY PHONE: 513-527-5500 OTHER CALLS: 937-293-9994  
CHEMTREC PHONE: 800-424-9300 FAX PHONE: 937-293-9995

PRODUCT USE: DOUBLE STRENGTH SKIN CRÈME FOR DOGS WITH BITTER TASTE TO DISCOURAGE LICKING AND CHEWING.

## SECTION 2: HAZARD(S) IDENTIFICATION

### GHS HAZARDS

FLAMMABLE LIQUIDS  
EYE IRRITATION  
SPECIFIC TARGET ORGAN TOXICITY -  
SINGLE EXPOSURE

CATEGORY 2  
CATEGORY 2A  
CATEGORY 3 (NARCOTIC EFFECTS)

### LABEL ELEMENTS

### HAZARD SYMBOLS



### SIGNAL WORD

DANGER

### HAZARD STATEMENTS

H225 HIGHLY FLAMMABLE LIQUID AND VAPOUR.  
H319 CAUSES SERIOUS EYE IRRITATION  
H336 MAY CAUSE DROWSINESS OR DIZZINESS

### PRECAUTIONARY STATEMENTS

#### PREVENTION

P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES / HOT SURFACES. – NO SMOKING.  
P233 KEEP CONTAINER TIGHTLY CLOSED  
P240 GROUND / BOND CONTAINER AND RECEIVING EQUIPMENT  
P241 USE EXPLOSION-PROOF ELECTRICAL / VENTILATING / LIGHTING EQUIPMENT.  
P242 USE ONLY NON-SPARKING TOOLS.  
P243 TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.  
P280 WEAR PROTECTIVE GLOVES / EYE PROTECTION / FACE PROTECTION.  
P264 WASH SKIN THOROUGHLY AFTER HANDLING.  
P261 AVOID BREATHING DUST / FUME / GAS / MIST / VAPOURS / SPRAY.  
P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED PLACE.

#### RESPONSE

P303 + P361 + P353 IF ON SKIN (OR HAIR): REMOVE / TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER / SHOWER.  
P370 + P378 IN CASE OF FIRE: USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE FOR EXTINCTION.  
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.  
P304 + P340 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING.  
P312 CALL A POISON CONTROL CENTER OR DOCTOR / PHYSICIAN IF YOU FEEL UNWELL.

#### STORAGE

P403 + P405 + P235 STORE LOCKED UP IN A WELL-VENTILATED PLACE. KEEP COOL.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:  
2 – PROPANOL

CAS NO.  
67-63-0

% VOL  
22%

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## SECTION 4: FIRST AID MEASURES

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**EYES:** RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN.

**SKIN:** WASH OFF OF IMMEDIATELY WITH SOAP AND PLENTY OF WATER WHILE REMOVING ALL CONTAMINATED CLOTHES AND SHOES. WHEN SYMPTOMS PERSIST OR IN ALL CASES OF DOUBT SEEK MEDICAL ADVICE. WASH CONTAMINATED CLOTHING BEFORE RE-USE.

**INGESTION:** IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**INHALATION:** REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. IF CASE OF SHORTNESS OF BREATH, GIVE OXYGEN. CALL A PHYSICIAN IMMEDIATELY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

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## SECTION 5: FIRE-FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** USE WATER SPRAY, ALCOHOL –RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

**SPECIAL FIRE FIGHTING PROCEDURES:** IN THE EVENT OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS. KEEP CONTAINERS AND SURROUNDINGS COOL WITH WATER SPRAY. BEWARE OF VAPOURS ACCUMULATING TO FORM EXPLOSIVE CONCENTRATIONS. VAPOURS CAN ACCUMULATE IN LOW AREAS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** VAPOURS MAY FORM EXPLOSIVE MIXTURE WITH AIR. FLASH BACK POSSIBLE OVER CONSIDERABLE DISTANCE. USE WATER SPRAY TO DISPERSE THE VAPORS. NFPA CLASS IB FLAMMABLE LIQUID.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE EXPECTED

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** EVACUATE PERSONNEL TO SAFE AREAS. REMOVE ALL SOURCES OF IGNITION. CONTAIN AND COLLECT SPILLAGE WITH NON-COMBUSTIBLE ABSORBANT MATERIAL (e.g. SAND, EARTH, DIATOMACEOUS EARTH, VERMICULITE) AND PLACE IN CONTAINER FOR DISPOSAL ACCORDING TO LOCAL / NATIONAL REGULATIONS (SEE SECTION 13). DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM.

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## SECTION 7: HANDLING AND STORAGE

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**SAFE HANDLING ADVICE:** ENSURE ALL EQUIPMENT IS ELECTRICALLY GROUNDED BEFORE BEGINNING TRANSFER OPERATIONS. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

**STORAGE:** STORE IN ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** AIR CONTAMINANT LEVELS SHOULD BE CONTROLLED BELOW THE PEL OR TLV FOR THIS PRODUCT (SEE EXPOSURE GUIDELINES). ENSURE ADEQUATE VENTILLATION, ESPECIALLY IN CONFINED AREAS. USE EXPLOSION PROOF EQUIPMENT.

**VENTILATION :** NOT LISTED

**RESPIRATORY PROTECTION:** RESPIRATORY PROTECTION IS NORMALLY NOT REQUIRED EXCEPT IN EMERGENCIES OR WHEN CONDITIONS CAUSE EXCESSIVE AIRBORNE LEVELS OF MISTS OR VAPORS. USE NIOSH APPROVED RESPIRATORY PROTECTION.

**EYE PROTECTION:** CHEMICAL RESISTANT GLOVES MUST BE WORN. FACE SHIELD.

**SKIN PROTECTION:** WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE PROTECTION.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

**WORK HYGIENIC PRACTICES:**

**EXPOSURE GUIDELINES:**

**COMPONENTS**  
**2 – PROPANOL**

NOT LISTED

<u>EXPOSURE LIMIT(S)</u>		
OSHA PEL	400 PPM	980 MG/M3
ACGIH TLV (8-HOUR)	200 PPM	
ACGIH STEL	400 PPM	

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE:	ORANGE CRÈME COLORED VISCOUS LIQUID.
PHYSICAL STATE:	VISCOUS LIQUID
ODOR:	PUNGENT AND BITTER
ODOR THRESHOLD:	NO DATA AVAILABLE
pH AS SUPPLIED:	7
BOILING POINT:	NO DATA AVAILABLE
MELTING POINT:	NO DATA AVAILABLE
FREEZING POINT:	NO DATA AVAILABLE
FLAMMABLE LIMITS IN AIR:	NO DATA AVAILABLE
FLASH POINT: METHOD USED	
CLOSED CUP:	
OPEN CUP:	NO DATA AVAILABLE
AUTOIGNITION TEMPERATURE:	NO DATA AVAILABLE
VAPOR PRESSURE (mmHg):	NO DATA AVAILABLE
VAPOR DENSITY (AIR = 1):	NO DATA AVAILABLE
SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 1.0	NO DATA AVAILABLE
EVAPORATION RATE:	NO DATA AVAILABLE
BASIS (=1):	NO DATA AVAILABLE
SOLUBILITY IN WATER:	PART
PERCENT SOLIDS BY WEIGHT:       %	NO DATA AVAILABLE
PERCENT VOLATILE:               %	NO DATA AVAILABLE
BY WT/ BY VOL @	
F:               C:	
VOLATILE ORGANIC COMPOUNDS (VOC): %	NO DATA AVAILABLE
MOLECULAR WEIGHT:	NO DATA AVAILABLE
VISCOSITY:	NO DATA AVAILABLE

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## SECTION 10: STABILITY AND REACTIVITY

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REACTIVITY:	STABLE UNDER RECCOMENDED STORAGE CONDITIONS.
CHEMICAL STABILITY:	NO DECOMPOSITION IF STORED AND APPLIED AS DIRECTED.
CONDITIONS TO AVOID:	HEAT, FLAMES, SPARKS. AVOID TEMPERATURES ABOVE 35° C, DIRECT SUNLIGHT AND CONTACT WITH SOURCES OF HEAT.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	NONE KNOWN
MATERIALS TO AVOID:	STROND ACIDS AND OXIDIZING AGENTS, ALKALI METALS, ALUMINUM, AMINES, IRON
HAZARDOUS POLYMERIZATION:	VAPOURS MAY FORM EXPLOSIVE MIXTURE WITH AIR.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: EXPOSURE CAN CAUSE NAUSEA, HEADACHE AND VOMITING. MAY BE HARMFUL BY INHALATION, INGESTIONS, SKIN ADSORPTION.

EYES: IRRITATING TO EYES.

SKIN: ACUTE DERMAL LD50 (RABBIT): 12,800 MG/KG

INHALATION: ACUTE 4 HOURS LC50 (RAT): 16,970 MG/L

INGESTION: ACUTE ORAL LD50 (RAT): 5,045 MG/KG

CARCINOGENICITY  
NOT AVAILABLE

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: N

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: S  
RCRA HAZARD CLASS: N

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## SECTION 14: TRANSPORT INFORMATION

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U.S. DEPARTMENT OF TRANSPORTATION  
PROPER SHIPPING NAME: C  
HAZARD CLASS: N  
ID NUMBER: N  
PACKING GROUP: N  
LABEL STATEMENT: N

WATER TRANSPORTATION  
PROPER SHIPPING NAME: N  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:

AIR TRANSPORTATION  
PROPER SHIPPING NAME: N  
HAZARD CLASS:  
ID NUMBER:  
PACKING GROUP:  
LABEL STATEMENTS:

OTHER AGENCIES: N

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## SECTION 15: REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS  
TSCA (TOXIC SUBSTANCE CONTROL ACT): N  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N  
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N  
311/312 HAZARD CATEGORIES: N  
313 REPORTABLE INGREDIENTS: N

STATE REGULATIONS: N

INTERNATIONAL REGULATIONS: N

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## SECTION 16: OTHER INFORMATION

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## OTHER INFORMATION:

### NFPA HAZARD CLASSIFICATION

HEALTH: X                      FLAMMABILITY: X                      REACTIVITY: X                      OTHER:

### HMIS HAZARD CLASSIFICATION

HEALTH: X                      FLAMMABILITY: X                      REACTIVITY: X                      PROTECTION:

PREPARATION INFORMATION: PREPARED BY ARC LABORATORIES ON MAY 19, 2015

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