

## Material Safety Data Sheet

EMERGENCY PHONE NUMBER: (816) 847-6905

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### SECTION I - IDENTITY

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COMMON NAME: Special Formula (Orange) Liquid Dish Soap, Formula No. ZZ0262, Item No. CS3228VO-Case12

CHEMICAL FAMILY: A scented blend of anionic and non-ionic surfactants or surface-active agents and colorants

SYNONYMS: Dish Soap

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### SECTION II - HAZARDOUS INGREDIENTS

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PRINCIPLE HAZARDOUS COMPONENTS	%	THRESHOLD LIMIT VALUE
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None

SARA requires submission of annual report of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

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### SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

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BOILING POINT: 212° F.

SPECIFIC GRAVITY (H2O=1): 1.02.

VAPOR PRESSURE (mm Hg): Not determined

SOLIDIFICATION/MELTING POINT: Not determined.

VAPOR DENSITY (AIR=1): Not determined

EVAPORATION RATE (Butyl Acetate=1): Not determined

SOLUBILITY IN WATER: Complete

REACTIVITY IN WATER: Not applicable

APPEARANCE AND ODOR: Clear, orange scented solution of surfactants

pH VALUE @ 25° C.: 8.0 to 9.0

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### SECTION IV - FIRE FIGHTING MEASURES

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FLASH POINT (TCC): > 200° F

LEL: Not applicable UEL: Not applicable

EXTINGUISHING MEDIA: Dry chemical, water fog, and regular foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing and self-contained breathing apparatus with full-face shield. Combustion/decomposition products may include amines and other nitrogen compounds, as well as carbon monoxide and carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known. The product does not sustain combustion. The product has no auto ignition temperature.

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### SECTION V - PHYSICAL HAZARDS

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STABILITY:  UNSTABLE  
 STABLE

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY ( MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide

## SPECIAL FORMULA DISH SOAP – ORANGE

Quick Identifier

HAZARDOUS  
POLYMERIZATION

MAY OCCUR  
 WILL NOT OCCUR

CONDITONS TO AVOID: None known

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### **SECTION VI - HEALTH HAZARD DATA**

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ROUTE(S) OF ENTRY: INHALATION: Yes SKIN: Yes INGESTION: Yes  
Non - Hazardous

SIGNES OR SYPTOMS OF EXPOSURE:

1. ACUTE OVEREXPOSURE: Not Applicable
2. CHRONIC OVEREXPOSURE: Not Applicable

MEDICAL CONDITIONS GENERALLY AGRIVATED BY EXPOSURE:

Eye: May cause mild transient irritation  
Skin: Transient irritation with prolonged exposure to concentrated material.  
Inhalation: None.  
Ingestion: May cause transient gastrointestinal irritation or nausea.

LIST AS CARCINOGEN NATIONAL  Yes I.A.R.C.  Yes OSHA  Yes  
OR POTENTIAL TOXICICOLGY  No MONGRAPHS  No  NO  
CARCINOGEN?

EMERGENCY AND FIRST AID PROCEDURES:

1. INHALATION: None
2. EYES: Flush with water for 10 to 15 minutes
3. SKIN: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes
4. INGESTION: Drink glass of water

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### **SECTION VII - SPECIAL PROTECTION INFORMATION**

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RESPIRATORY PROTECTION (SPECIFY TYPE): Not Applicable

VENTILLATION: None

LOCAL EXHAUST: Not required

SPECIAL: None

MECHANICAL (General): Not required

OTHER: None

PROTECTIVE GLOVES: For prolonged contact

EYE PROTECTION: Not required under normal conditions.

OTHER PROTECTIVE EQUIPMENT: None required

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### **SECTION VIII - SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No unusual precautions required.

OTHER PRECAUTIONS: Not Applicable

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush the biodegradable surfactant to drain.

WASTE DISPOSAL METHODS: : Disposal is to be performed in compliance with all federal, state, and local regulations. Small or household quantities may be disposed of in sewer. For large quantities, incinerate if preferred. Do not landfill!

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### **SECTION IX - DATE AND SIGNATURE**

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## **SPECIAL FORMULA DISH SOAP – ORANGE**

### **Quick Identifier**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use.

Custom Solutions, Inc.  
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Date Issued: 30 September 2003  
Supersedes: None - New

The submission of this MSDS may be required by law, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.