

PRODUCT CODE: 46.08  
 REDUCED ISOLONE® KETTLE EXTRACT

SDS VERSION: 11.0  
 REVISION DATE: 06/14/2021

## SECTION 1 - IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT IDENTIFIER:	REDUCED ISOLONE® KETTLE EXTRACT
PRODUCT CODE:	46.08
CAS NUMBER:	
INTENDED USE:	FOR THE MANUFACTURE OF FOODS.
DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:	
MANUFACTURER/SUPPLIER:	Kalsec® 3713 West Main Street Kalamazoo, Michigan 49006 USA
EMERGENCY CONTACT:	1-352-323-3500 COLLECT (IN U.S & CANADA ONLY 1-800-535-5053)
FAX:	(269) 382-3060

## SECTION 2 - HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
Environmental Hazard Acute: H402 - Harmful to aquatic life.
LABEL ELEMENTS: NONE

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS NUMBER	WT %	CLASSIFICATION
Myrcene	123-35-3	< 5	Flam. Liq. 3, Asp. Tox. 1, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2, Skin Irrit. 2, H226, H304, H319, H400, H411, H315

PLEASE SEE SECTION 16 FOR CLASSIFICATION DETAILS

## SECTION 4 - FIRST AID MEASURES

GENERAL ADVICE:	If medical advice is needed, have product container or label at hand. IF exposed or concerned: Get medical advice/attention if you feel unwell. Wash with plenty of soap and water.
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## SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media:
Protective Equipment:

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## SECTION 6 - ACCIDENTIAL RELEASE MEASURES

Methods and materials for containing and cleaning up:	Clean up with suitable absorbent material (sand, vermiculite, diatomite, saw dust etc.). Avoid release to the environment. Collect spillage.
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## SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Avoid release to the environment.
Conditions for safe storage:	Store in a well-ventilated place. Keep cool.

## SECTION 8 - EXPOSURE CONTROLS

<u>EXPOSURE LIMITS</u>	There are no substances with workplace exposure limits.
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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Characteristic
ODOR:	Typical
ODOR THRESHOLD:	NOT DETERMINED
PH:	1 to 10 dilution
MELTING / FREEZING POINT:	NOT DETERMINED
INITIAL BOILING POINT & RANGE:	NOT DETERMINED
FLASH POINT:	> 94°C
EVAPORATION RATE:	NOT DETERMINED
FLAMMABILITY:	NOT DETERMINED
UPPER/LOWER FLAMMABILITY LIMITS:	NOT DETERMINED
VAPOUR PRESSURE:	NOT DETERMINED
VAPOUR DENSITY:	NOT DETERMINED
RELATIVE DENSITY:	NOT DETERMINED
SOLUBILITY:	NOT DETERMINED
PARTIAL COEFFICIENT (N-OCTANOL/WATER):	NOT DETERMINED
AUTO-IGNITION TEMPERATURE:	NOT DETERMINED
DECOMPOSITION TEMPERATURE:	NOT DETERMINED
VISCOSITY:	NOT DETERMINED
EXPLOSIVE PROPERTIES:	NOT DETERMINED
OXIDISING PROPERTIES:	NOT DETERMINED

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No known reactions
Chemical Stability:	Under normal ambient storage this product is stable
Possibility of Hazardous Reactions:	No dangerous reactions known
Conditions to Avoid:	Extremes of temperature
Incompatible Materials:	No known
Hazardous Decomposition:	No dangerous decomposition products known

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Products:

**SECTION 11 - TOXICOLOGY INFORMATION**

ACUTE TOXICITY (ORAL):	Not Classified
ACUTE TOXICITY (DERMAL):	Not Classified
ACUTE TOXICITY (INHALATION):	Not Classified
SKIN CORROSION / IRRITATION:	Not Classified
SERIOUS EYE	Not Classified
DAMAGE / IRRITATION:	
SKIN SENSITIZATION:	Not Classified
RESPIRATORY SENSITIZATION:	Not Classified
GERM CELL MUTAGENICITY:	Not Classified
CARCINOGENICITY:	Not Classified
REPRODUCTIVE TOXICITY:	Not Classified
SPECIFIC ORGAN TOXICITY (RE):	Not Classified
SPECIFIC ORGAN TOXICITY (SE):	Not Classified
ASPIRATION HAZARD:	Not Classified

**SECTION 12 - ECOLOGICAL INFORMATION**

Acute (short-term) toxicity:	CAT3
Chronic (long-term) toxicity:	Not Classified
Persistence and degradability:	No data
Bioaccumulative potential:	No data
Mobility in soil:	No data
Results of PBT and vPvB assessment:	No data
Other adverse effects:	No data

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Product:	Dispose of contents/container in accordance with local, regional , national or international regulations.
Contaminated packaging:	Dispose of contents/container in accordance with local, regional , national or international regulations.

**SECTION 14 - TRANSPORT INFORMATION**

DOT (US)	NOT DANGEROUS GOODS
IMDG	NOT DANGEROUS GOODS
IATA	NOT DANGEROUS GOODS
FURTHER INFORMATION	EHS-MARK REQUIRED (IATA 197, IMDG CODE 2.10.2.7) FOR SINGLE PACKAGINGS AND COMBINATION PACKAGINGS CONTAINING INNER PACKAGINGS WITH DANGEROUS GOODS > 5L FOR LIQUIDS OR > 5KG FOR SOLIDS.

**SECTION 15 - REGULATORY INFORMATION**

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**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC TO MIXTURE:**

CHEMICAL SAFETY ASSESSMENT:  
NO CHEMICAL SAFETY ASSESSMENT HAS BEEN CARRIED OUT.

**SECTION 16 - OTHER INFORMATION**

H402: Harmful to aquatic life.

**FURTHER INFORMATION**

THE ABOVE INFORMATION IS PROVIDED TO THE BEST OF OUR KNOWLEDGE AND REPRESENTS THE CURRENT STATE OF THAT KNOWLEDGE. HOWEVER THERE IS NO GUARANTEE THAT THE INFORMATION IS ALL-INCLUSIVE AND IT IS INTENDED TO BE USED AS A GUIDE ONLY. IT IS APPLICABLE ONLY TO THE APPROPRIATE SAFETY PRECAUTIONS OF THE PRODUCT AND DOES NOT REPRESENT ANY GUARANTEE OF THE PROPERTIES OF THE PRODUCT