



Flinn Scientific Canada Inc.
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1-844-200-1455

PRODUCT: Agar

CODE: AJ0013

Section 01: IDENTIFICATION

MANUFACTURER..... Flinn Scientific Inc.
PO Box 219
Batavia, Illinois 60510 USA
Tel: 1-800-452-1261

PRODUCT NAME..... Agar

PRODUCT CODE(S)..... AJ0013

PRODUCT USE..... This product is intended for use in a laboratory. The use of this product is restricted for use in a laboratory only.

EMERGENCY NUMBER:..... CHEMTREC Emergency Phone Number: 703-527-3887 .

Section 02: HAZARD IDENTIFICATION

SIGNAL WORD..... Does not meet any hazards classification.

HAZARD CLASSIFICATION..... This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed. Product should be treated as a chemical and is not for consumption as it has been stored with other nonfoodgrade chemicals.

STORAGE..... Flinn Suggested Chemical Storage Pattern: Organic Miscellaneous.

DISPOSAL..... Dispose of contents/container in accordance with local regulations.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Agar	9002-18-0	100

Section 04: FIRST AID MEASURES

MEDICAL ATTENTION AND SPECIAL TREATMENT Call a POISON CENTER or physician if you feel unwell.

INHALATION..... Remove victim to fresh air and keep at rest in a position comfortable for breathing.

INGESTION..... Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

SKIN CONTACT..... Wash with plenty of water.

EYE CONTACT..... Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

Section 05: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA..... Use a tri-class dry chemical fire extinguisher .

HAZARDOUS COMBUSTION PRODUCTS When heated to decomposition, may emit toxic fumes.

SPECIAL FIRE FIGHTING PROCEDURES Nonflammable solid.

NFPA CODE..... None established.

Section 06: ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP Clean up spill. Dispose in the trash. See Sections 8 and 13 for further information.

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... Avoid contact with eyes. Wash thoroughly after handling . Flinn Suggested Chemical Storage Pattern: Organic Miscellaneous. Moisture sensitive.

STORAGE NEEDS..... Store in a cool, dry place within a Flinn Chem-Saf™ bag.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients	ACGIH TLV		OSHA PEL		REL	NIOSH
	TWA	STEL	PEL	STEL		
Agar	Not established	Not established	Not established	Not established		Not established

PROTECTIVE EQUIPMENT..... Wear protective gloves, protective clothing, and eye protection.

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Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE/TYPE..... Safety goggles.
 RESPIRATORY/TYPE..... Respiratory device if needed.
 GLOVES/ TYPE..... Protective gloves.
 CLOTHING/TYPE..... Protective clothing.
 FOOTWEAR/TYPE..... Protective footwear.
 BODY/TYPE..... General personal protective equipment.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE..... Tan colored powder. Not a microbiological media as is. Must add nutrients.
 ODOUR..... Odourless.
 ODOUR THRESHOLD..... None.
 pH..... Not applicable.
 SPECIFIC GRAVITY..... Not available.
 MELTING POINT (°C)..... Not available.
 BOILING POINT (°C)..... Not available.
 EVAPORATION RATE..... Not available.
 FLASH POINT (°C), METHOD..... Nonflammable solid.
 UPPER FLAMMABLE LIMIT (% VOL)..... Not available.
 LOWER FLAMMABLE LIMIT (% VOL)..... Not available.
 AUTO IGNITION TEMPERATURE (°C)..... Not available.
 VAPOUR PRESSURE (mm Hg)..... Not available.
 VAPOUR DENSITY (AIR=1)..... Not available.
 SOLUBILITY..... Forms a gel with boiling water. To prepare agar gel: Mix 15 grams per 1 litre.
 DECOMPOSITION TEMPERATURE..... Not available.
 VISCOSITY..... Not available.

Section 10: STABILITY AND REACTIVITY

STABILITY..... Shelf life: Good, if stored properly. Stable nonhazardous substance. See Section 7 for further information.
 POSSIBILITY OF HAZARDOUS REACTIONS..... None if stored properly.
 CONDITIONS TO AVOID..... Moisture sensitive.
 INCOMPATIBLE MATERIALS..... Avoid contact with strong oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS..... When heated to decomposition, may emit toxic fumes.

Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50	LD50
Agar	Not available	11 g/kg oral rat
ROUTE OF ENTRY:.....	Skin contact, eye contact, possible inhalation.	
ACUTE EFFECTS.....	Not available, not all health aspects of this substance have been fully investigated.	
CHRONIC EFFECTS.....	Not available, not all health aspects of this substance have been fully investigated.	
TARGET ORGANS.....	Not available, not all health effects of this substance have been fully investigated.	

Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY..... Data not yet available.

Section 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS..... Please review all Federal, Provincial and Local Regulations that may apply before proceeding.

Section 14: TRANSPORT INFORMATION

SHIPPING NAME..... Not regulated.
 PROOF OF CLASSIFICATION..... This product has been classified in accordance with Part 2 of the Transportation of Dangerous Goods Regulations.

Section 15: REGULATORY INFORMATION

CEPA STATUS..... DSL - The substance is specified on the public Portion of the Domestic Substances List.
 U.S. TSCA INVENTORY STATUS..... Listed.
 EINECS STATUS..... Listed (232-658-1).

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Section 16: OTHER INFORMATION

PREPARED BY:

Flinn Scientific Inc.

DISCLAIMER:.....

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DATE OF LATEST REVISION.....

Apr25/15