

advertisements

## FISHER SCIENTIFIC -- AGAR, S70210 -- -

## ===== Product Identification =====

Product ID:AGAR, S70210  
MSDS Date:12/12/1997  
FSC:NIIN:Submitter:N EN  
Status Code:A  
MSDS Number: CKBSJ  
=== Responsible Party ===  
Company Name:FISHER SCIENTIFIC  
Address:ONE REAGENT LANE  
City:FAIRLAWN  
State:NJ  
ZIP:07410  
Country:US  
Info Phone Num:201-796-7100  
Emergency Phone Num:201-796-7100  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:1B464

=== Contractor Identification ===  
Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV  
Address:1 REAGENT LANE  
Box:City:FAIRLAWN  
State:NJ  
ZIP:07410-2802  
Country:US  
Phone:201-796-7100  
CAGE:1B464

## ===== Composition/Information on Ingredients =====

Ingred Name:AGAR LD50: (ORAL, RAT) 11 G/KG(EINECS/ELINCS: 232-658-1)  
CAS:9002-18-0  
RTECS #:AW7950000  
= Wt:100.

## ===== Hazards Identification =====

LD50 LC50 Mixture:SEE INGREDIENT  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE: DUST MAY CAUSE MECHANICAL  
IRRITATION. SKIN: MAY CAUSE SKIN IRRITATION. LOW HAZARD FOR USUAL  
INDUSTRIAL HANDLING. INGESTION: INGESTION OF LARGE AMOUNTS MAY  
CAUSE GASTROINTESTINAL IRRITATION. EXPECTED TO BE A LOW INGESTION  
HAZARD. INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION. LOW  
HAZARD FOR USUAL INDUSTRIAL HANDLING. CHRONIC: NO INFORMATION  
FOUND. TARGET ORGANS: NONE.  
Effects of Overexposure:SEE HEALTH HAZARDS.

## ===== First Aid Measures =====

First Aid:EYES: FLUSH EYES W/PLENTY OF WATER FOR AT LEAST 15 MIN,  
OCCASIONALLY LIFTING UPPER & LOWE LIDS. GET MED AID. SKIN: FLUSH  
SKIN W/PLENTY OF SOAP & WATER FOR AT LEAST 15 MIN WHILE REMOVING  
CONTAM CLTHG & SHOES. GET MED AID IF IRRIT DEVELOPS OR PERSISTS.  
INGEST: IF VICTIM IS CONSCIOUS & ALERT, GIVE 2-4 CUPFULS OF MILK OR  
WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. GET MED  
AID. INHAL: REMOVE FROM EXPOS TO FRESH AIR IMMED. IF NOT BRTHG,  
GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYGEN. GET MED AID IF  
COUGH OR OTHER SYMPS APPEAR. NOTES TO MD: TREAT SYMPTOMATICALLY &  
SUPPORTIVELY. ANTIDOTE: NONE REPORTED.

## ===== Fire Fighting Measures =====

Flash Point:NOT AVAILABLE

Lower Limits:NOT AVAIL  
Upper Limits:NOT AVAIL  
Extinguishing Media:FOR SMALL FIRES, USE WATER SPRAY, DRY CHEMICAL,  
CARBON DIOXIDE OR CHEMICAL FOAM.  
Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE  
EQUIPMENT .  
Unusual Fire/Explosion Hazard:THIS MATERIAL IN SUFFICIENT QUANTITY AND  
REDUCED PARTICLE SIZE IS CAPABLE OF CREATING A DUST EXPLOSION. NFPA  
RATING: NOT PUBLISHED.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS  
INDICATED IN SECTION 8, EXPOSURE CONTROLS PERSONAL PROTECTION.  
VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL  
CONTAINER. AVOID GENERATING DU STY CONDITIONS.

===== Handling and Storage =====

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. AVOID  
CONTACT WITH SKIN AND EYES. AVOID INGESTION AND INHALATION. KEEP  
FROM CONTACT WITH OXIDIZING MATERIALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN  
29 CFR 1910.134 OR EUROPEAN STANDARD EN 149. ALWAYS USE A NIOSH OR  
EUROPEAN STANDARD EN 149 APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS  
LOW.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH AND DELUGE SHOWER .

WEAR APPROPRIATE PROTECTIVE CLOTHING TO MINIMIZE CONTACT WITH SKIN.

Supplemental Safety and Health

EXPOSURE LIMITS: AGAR - ACGIH: NONE LISTED. NIOSH: NONE LISTED. OSHA -  
FINAL PELS: NONE LISTED. OSHA VACATED PELS: AGAR: NO OSHA VACATED  
PELS ARE LISTED FOR THIS CHEMICAL. PHYSICAL DATA: MOLECULAR FOR  
MULA: NOT AVAILABLE.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:NOT AVAILABLE  
Melt/Freeze Pt:=0.C, 32.F  
Decomp Temp:Decomp Text:NOT AVAILABLE  
Vapor Pres:NEGLIGIBLE  
Vapor Density:NOT AVAIL  
Spec Gravity:NOT AVAILABLE  
pH:NOT AVAILABLE  
Viscosity:NOT AVAILABLE  
Solubility in Water:SOLUBLE IN HOT WATER  
Appearance and Odor:LIGHT BEIGE SOLID; ODORLESS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS.  
Stability Condition to Avoid:STRONG OXIDANTS.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

===== Toxicological Information =====

Toxicological Information:CAS #9002-18-0: ORAL, MOUSE: LD50 = 16 G/KG;  
ORAL, RABBIT: LD50 = 5800 GM/KG. CARCINOGENICITY: CAS #9002-18-0:  
NOT LISTED BY ACGIH, IARC, NIOSH, NTP OR OSHA. EPIDEMIOLOGY: NOT  
DATA AVAILABLE. TERATOGE NICITY: NO DATA AVAILABLE. REPRODUCTIVE  
EFFECTS: NO DATA AVAILABLE. NEUROTOXICITY: NO DATA AVAILABLE.  
MUTAGENICITY: NO DATA AVAILABLE. OTHER STUDIES: NO DATA AVAILABLE.

===== Ecological Information =====

Ecological:EXOTOXICITY: NOT AVAILABLE. ENVIRONMENTAL FATE: NOT  
AVAILABLE. PHYSICAL/CHEMICAL: NOT AVAILABLE. OTHER: NOT AVAILABLE.  
OTHER INFO: HAZARD SYMBOLS: NOT AVAILABLE. WGK (WATER  
DANGER/PROTECTION) CAS #900 2-18-0: 0. CANADA - CAS #9002-18-0 IS  
LISTED ON CANADA'S DSL/NDSL LIST. THIS PRODUCT HAS A WHMIS  
CLASSIFICATION OF NOT CONTROLLED. CAS #9002-18-0 IS NOT LISTED ON  
CANADA'S INGREDIENT DISCLOSURE LIST.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS. RCRA D-SERIES MAXIMUM CONCENTRTION OF CONTAMINANTS: NONE LISTED. RCRA D-SERIES CHRONIC TOXICITY REFERENCE LEVELS: NONE LIST ED. RCRA F-SERIES: NONE LISTED. RCRA P-SERIES: NONE LISTED. RCRA U-SERIES: NONE LISTED.

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MSDS Transport Information  
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Transport Information:US DOT: NO INFORMATION AVAILABLE. IATA: NOT REGULATED AS A HAZARDOUS MATERIAL. RID/ADR: NOT REGULATED AS A HAZARDOUS MATERIAL. IMO: NOT REGULATED AS A HAZARDOUS MATERIAL. CANADA TDG: NO INFORMATION AV AILABLE.

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Regulatory Information  
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SARA Title III Information:SECTION 302 (RQ): NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ. SECTION 302 (TPQ): NONE OF THE CHEMICALS IN THIS PRODUCT HAVE A TPQ. SECTION 313: NO CHEMICALS ARE REPORTABLE UNDER SECTION 313.

Federal Regulatory Information:CAS #9002-18-0 IS LISTED ON THE TSCA INVENTORY. NONE OF THE CHEMICALS ARE ON THE HEALTH & SAFETY REPORTING LIST. NONE OF THE CHEMICALS IN THIS PRODUCT ARE UNDER A CHEMICAL TEST RULE. NONE OF THE CHEMI CALS ARE LISTED UNDER TSCA SECTION 12B. TSCA SIGNIFICANT NEW USE RULE: NONE OF THE CHEMICALS IN THIS MATERIAL HAVE A SNUR UNDER TSCA. CLEAN AIR ACT: THIS MATERIAL DOES NOT CONTAIN ANY HAZARDOUS AIR PO LLUTANTS. THIS MATERIAL DOES NOT CONTAIN ANY CLASS 1 OZONE DEPLETORS. THIS MATERIAL DOES NOT CONTAIN ANY CLASS 2 OZONE DEPLETORS. CLEAN WATER ACT: NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS (OTHER INFO)

State Regulatory Information:CAS #9002-18-0 IS NOT PRESENT ON STATE LISTS FROM CA, PA, MN, MA, FL, OR NJ. CALIFORNIA NO SIGNIFICANT RISK LEVEL: NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED.

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Other Information  
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