Safety Data Sheet

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: ENSURE Chemical Indicator

Product Codes: SCI-134, ENSURE CI Strips 132-134 deg C 250 count

Supplier: SciCan Ltd.
1440 Don Mills Road
Toronto, ON M3B 3P9 Canada

Emergency No.: 1-800-667-7733

NOTICE: THIS PRODUCT MEETS THE DEFINITION OF AN "ARTICLE" AND IS EXEMPTED FROM SDS REQUIREMENTS AS DEFINED BY SECTION 1.3.2.1.1 OF THE GHS FOURTH REVISED EDITION (2011), 29 CFR PART 1910.1200 OF THE U.S. OSHA HAZARD COMMUNICATION STANDARD, AND SECTION 3 OF THE CANADIAN HAZARDOUS PRODUCTS ACT. THE INFORMATION PROVIDED IN THIS SDS IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT NECESSARILY REFLECT WARNING AND PRECAUTIONARY STATEMENTS INDICATED ON THE PRODUCT'S PACKAGING OR CONTAINER LABEL.

2.0 HAZARDS IDENTIFICATION

GHS Classification: Acute Toxicity (Oral), Category 5
Acute Toxicity (Dermal), Category 5

GHS Label Code(s): H303 + H313

Pictogram: None

Signal Word(s): Warning

Hazard Statement(s): H303 + H313 May be harmful if swallowed or in contact with skin.

Precautionary Statement(s):

P264 – Wash hands thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear protective eye protection.

This product presents no health or physical hazards under normal conditions of use. Inhalation of decomposition products from burning may cause eye and respiratory irritation. If irritation develops following inhalation of decomposition products, remove the victim from area to fresh air. If symptoms persist, get prompt medical attention.

This product is essentially nonirritating to skin. Prolonged exposure to skin is not likely to result in material being absorbed through skin in harmful amounts. Ingestion of significant amounts of this product is highly unlikely. Ingestion of physical article may cause choking if swallowed. Single dose toxicity is believed to be very low.

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Weight %
Lead Carbonate*	598-63-0	209-943-4	0.19
Trade Secret 1	Registered	Registered	< 0.1
Non-Hazardous Components	Not Applicable	Not Applicable	99.7

*Carcinogenicity: IARC: 2 - Group 2A: Probably Carcinogenic To Humans
NTP: Reasonably Anticipated To Be A Human Carcinogen

*Reproductive Toxicity: Known Human Reproductive Toxin

4.0 FIRST AID MEASURES

Due to the low levels of hazardous components contained in this product, no acute, delayed or chronic adverse health effects are expected to occur via any exposure route under normal conditions of use by qualified persons. For sensitive or susceptible individuals, treat symptomatically as described below.

INHALATION
Breathing difficulty caused by inhalation of particulates requires removal to fresh air. If breathing has stopped, perform artificial respiration if qualified and trained and obtain medical assistance at once.

INGESTION
Obtain medical assistance at once regardless of the presence or absence of symptoms. Only induce vomiting if advised by a medical professional.

SKIN
Subcutaneous deposition through skin cuts and abrasions can be treated by standard first aid measures. Skin contamination through direct contact can be removed by washing with soap and water. If irritation persists, obtain medical assistance.

EYES
Material should be flushed from the eyes with copious amounts of clean water. If irritation persists, obtain medical assistance. DO NOT rub the eyes if particulate matter or foreign objects are present as corneal damage can occur.

5.0 FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use water, dry chemical, foam, or carbon dioxide to extinguish fire.

FIRE FIGHTING PROCEDURES: Do not flush down sewers or other drainage systems. Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

COMBUSTION PRODUCTS: Irritating or toxic substances may be emitted upon thermal decomposition including oxides of lead, carbon, carbon monoxide and nitrogen oxides.

6.0 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES FOR NON-EMERGENCY PERSONNEL
Spills or releases of this product are not expected to result in significant emergency response procedures. Wear protective cotton gloves or their equivalent when cleaning spilled or released material.

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES FOR EMERGENCY RESPONDERS
If large amounts of spilled or released materials are involved, wear appropriate and approved protective clothing appropriate to the incident to prevent skin contact. Respiratory protection should be worn if material is involved in a fire. (See Section 8.0).

ENVIRONMENTAL PRECAUTIONS
Prevent water used to extinguish fires from reaching drains, sewers, surface waters or groundwater.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP
Released material in dry form may be swept up using a broom and dust pan or picked up by hand if wearing protective cotton gloves or their equivalent. Prevent water used to extinguish fires from reaching drains, sewers, surface waters or groundwater by diking, berming or using vacuuming methods to clean up extinguishing media.

7.0 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
Under conditions of normal handling and use expected for this product, no handling precautions other than those explained below are believed to be necessary. Handling precautions will be dependent on the method in which the product is used. Consult your safety representative for more details. DO NOT eat, drink or smoke when handling this product. Wash hands thoroughly after handling.

STORAGE
Keep product sealed in its original container at room temperature 10 to 38^{o} C (50 to 100^{o} F) and at normal humidity (30 to 60 %). DO NOT mix this product with any other chemical substances.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

Component	CAS Number	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)
Lead Carbonate	598-63-0	0.05	0.05
Trade Secret 1	Registered	None Established	None Established
Non-Hazardous Components	Not Applicable	Not Applicable	Not Applicable

APPROPRIATE ENGINEERING CONTROLS
None needed when this product is used in its prescribed manner by qualified personnel.

EYE/FACE PROTECTION
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

SKIN PROTECTION
None needed when this product is used in its prescribed manner by qualified personnel. Wear impervious clothing if exposures to skin are excessive. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

RESPIRATORY PROTECTION
None needed when this product is used in its prescribed manner by qualified personnel. Where risk assessment shows air-purifying respirators are appropriate use a particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

THERMAL HAZARDS
None anticipated when this product is used in its prescribed manner by qualified personnel.

HYGIENE MEASURES
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White Test Strip (Solid)	Upper Flammable Limit:	Not Applicable
Odor:	None	Lower Flammable Limit:	Not Applicable
Odor Threshold:	None	Vapor Pressure:	Not Applicable
pH:	Not Applicable	Vapor Density:	Not Applicable
Melting Point:	Not Applicable	Relative Density:	Not Applicable
Freezing Point::	Not Applicable	Solubility:	Not Soluble
Boiling Point:	Not Applicable	Octanol/Partition Coefficient	Not Applicable
Boiling Range:	Not Applicable	Auto Ignition Temperature:	Not Available
Flash Point:	Not Applicable	Decomposition Temperature:	Not Available
Evaporation Rate”	Not Applicable	Viscosity:	Not Applicable
Flammability:	Not Flammable		

10. STABILITY AND REACTIVITY

Reactivity:	This product is not reactive.
Chemical Stability:	This product is stable under normal handling conditions.
Possibility of Hazardous Reactions:	This product will not polymerize.
Conditions To Avoid:	Avoid open flames as test paper is combustible.
Incompatible Materials:	Acids, Bases, Oxidizers, Reducing Agents and Halogens.
Hazardous Decomposition Products:	Irritating or toxic substances including oxides of lead, sulfur, carbon and nitrogen.

11.0 TOXICOLOGICAL INFORMATION

The toxicological properties of this product have not been fully investigated as a whole.

Acute Toxicity:	No Data Available
Skin Corrosion/Irritation:	No Data Available
Serious Eye Damage/Irritation:	No Data Available
Respiratory or Skin Desensitization:	No Data Available

Germ Cell Mutagenicity:	No Data Available
Carcinogenicity:	No Data Available
Reproductive Toxicity:	No Data Available
STOT- Single Exposure:	No Data Available
STOT-Repeated Exposure:	No Data Available
Aspiration Hazard:	No Data Available
Ingestion:	No Data Available
Inhalation:	No Data Available
Skin/Eye Exposure:	No Data Available
Acute and Chronic Effects:	No Data Available
Potential Health Effects:	No Data Available
Signs and Symptoms of Exposure:	No Data Available
Synergistic Effects:	No Data Available

12.0 ECOLOGICAL INFORMATION

The ecological properties of this product have not been fully investigated as a whole.

TOXICITY TO FISH AND INVERTEBRATES
No Data Available

PERSISTENCE AND DEGRADABILITY
No Data Available

BIOACCUMULATIVE POTENTIAL
No Data Available

MOBILITY IN SOIL
No Data Available

PBT AND vPvB ASSESSMENT
No Data Available

OTHER ADVERSE EFFECTS
No Data Available

13.0 DISPOSAL CONSIDERATIONS

PRODUCT
Offer surplus and non-recyclable material to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Discarded product may be considered a U.S. Hazardous Waste if Toxic Characteristic Leachate Procedure shows ≥5 ppm lead content.

CONTAMINATED PACKAGING
Dispose of as unused product.

14.0 TRANSPORT INFORMATION

This product is not a hazardous material when shipped according to DOT, IATA or IMDG shipping regulations.

15.0 REGULATORY INFORMATION

EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA)
This product is exempt from regulation under the “article exemption”.

TOXIC SUBSTANCES CONTROL ACT (TSCA)
All constituents are listed on the TSCA Inventory.

CLEAN AIR ACT (CAA)
This product is exempt from regulation under the “article exemption”.

CLEAN WATER ACT (CWA)
This product is exempt from regulation under the “article exemption”.

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT
This product is exempt from regulation under the “article exemption”.

STATE RIGHT TO KNOW LISTS
No substances in this product are present above any U.S. State’s respective thresholds.

CALIFORNIA PROPOSITION 65 COMPONENTS
WARNING! This product contains a chemical known to the State of California to cause cancer. Lead(II) carbonate

SECTION 313 SUPPLIER NOTIFICATION
This product is exempt from regulation under the “article exemption”.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES
All substances contained in this product are listed on the EINECS.

16.0 OTHER INFORMATION

This Material Safety Data Sheet complies with the U.S. Hazard Communication Requirements contained in 29 CFR Part 1910.1200 as promulgated by the U.S. Occupational Health and Safety Administration (OSHA), the American National Standards Institute (ANSI) recommended practice for preparing MSDS sheets as contained in ANSI Z400.1- 2004, Section 13 of the Canadian Hazardous Products Act (HPA) and the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals.

ABBREVIATIONS

%	Percent
ACGIH	U.S. American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
C	Degrees Celsius
CAA	U.S. Clean Air Act
CAS	Chemical Abstracts Number
CERCLA	U.S. Comprehensive Environmental Response Compensation And Liability Act
CWA	U.S. Clean Water Act
DOT	U.S. Department of Transportation
EC	European Commission Number
EC50	Half maximal effective concentration
EINECS	European Inventory Of Existing Commercial Chemical Substances

EPCRA	U.S. Emergency Planning And Community Right-To-Know Act
EU	European Union
F	Degrees Fahrenheit
GHS	Globally Harmonized System (GHS) of Classification and Labeling of Chemicals
h	Hours
HPA	Hazardous Products Act
IARC	International Agency for the Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Dose to kill 50% of test species via inhalation
LD50	Lethal Dose to kill 50% of test species via oral or dermal administration
LDLO	Lethal Dose - Low Concentration
mg/kg	Milligram per kilogram of body weight
mg/l	Milligrams per liter
mg/m3	Milligrams per cubic meter
MSDS	Material Safety Data Sheet
NAAQS	National Ambient Air Quality Standard established under CAA
NPDES	U.S. National Pollutant Discharge Elimination System
NTP	U.S. National Toxicology Program
OSHA	U.S. Occupational Safety and Health Administration (See U.S.)
PBT	Persistent Bioaccumulative Toxin
PEL	Permissible Exposure Limit Averaged Over 8 Hours (See OSHA)
ppb	Parts Per Billion
ppm	Parts Per Million
Prop 65	California Proposition 65
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (See EU)
RQ	Reportable Quantity
RTK	Right-To-Know
SDS	Safety Data Sheet
SVHC	Substances of Very High Concern (See REACH)
TLV	Threshold Limit Value Averaged Over 8 Hours (See ACGIH)
TSCA	U.S. Toxic Substances Control Act
U.S.	United States
vPvB	Very Persistent, Very Bioaccumulative Chemical (See REACH).
WHIMS	Canadian Workplace Hazardous Materials Information System

IMPORTANT USE NOTICE

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END of SDS

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