

MATERIAL SAFETY DATA SHEET
SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME

AMERICAN SUGAR REFINING, INC.

INFORMATION & EMERGENCY TELEPHONE NO.

(914) -963 - 2400

ADDRESS (Number, Street, City, State, and ZIP Code)

1 FEDERAL STREET, YONKERS, NY 10705

DATE THIS SHEET WAS ORIGINALLY PREPARED: **1/28/92**

Most Recent Revision: 06/16/08

LABEL IDENTIFICATION

FRESHVERT® INVERT SYRUP

C&H LIQUICANE TYPE-90 LIQUID SUGAR

CHEMICAL NAME AND COMMON NAME

SUCROSE & INVERT

STANDARDIZED INVERT

CHEMICAL FAMILY

CARBOHYDRATE

FORMULA

C₁₂H₂₂O₁₁ + C₆H₁₂O₆ + C₆H₁₂O₆ +H₂O

HAZARD INFORMATION LABEL

Hazard Code

4=Extreme

3=High

2=Moderate

1=Slight

0=Insignificant

Flammability2.....

Health0.....

Reactivity0.....

Special0.....

SECTION II HAZARDOUS MATERIAL IDENTITY INFORMATION

PRODUCT OR

FIRST INGREDIENT

SECOND INGREDIENT

THIRD INGREDIENT

FOURTH INGREDIENT

CHEMICAL NAME

DEXTROSE & LEVULOSE

SUCROSE

COMMON NAME

INVERT SUGAR

SUGAR (SUCROSE)

CAS NO.

8013-17-0

57-50-1

% OF PRODUCT

92

8

OSHA PEL:

N/A

N/A

Total Particulates -

Respirable Particulates -

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT (°C)

N/A

MELTING POINT (°C) SUCROSE

=

N/A

VAPOR PRESSURE (mm Hg.)

N/A

SPECIFIC GRAVITY (H₂O =1)1

1.356

VAPOR DENSITY (AIR =1)

N/A

PERCENT VOLATILE BY WEIGHT

(WATER) 28

SOLUBILITY IN WATER

READILY SOLUBLE

pH (as is X)

(N/A % DILUTION) 3.7

WATER ACTIVITY (A_w)

0.66

EVAPORATION RATE
(Butyl Acetate = 1)

N/A

APPEARANCE

SLIGHT YELLOW LIQUID

MATERIAL IS:

PASTE

GRANULES ☐
POWDER ☐

ODOR

ODORLESS

SOLID ☐

LIQUID ☒

GAS ☐

SECTION IV- PHYSICAL (FIRE AND EXPLOSION) HAZARD DATA

FLASH POINT (Method Used)

N/A

Flammable Limits

N/A

Lel

N/A

Uel

N/A

EXTINGUISHING MEDIA

N/A

SPECIAL FIRE FIGHTING PROCEDURES

NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE



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SECTION V - REACTIVITY DATA

STABILITY	☐ UNSTABLE	CONDITIONS TO AVOID NONE
	☒ STABLE	
INCOMPATIBILITY (Materials to avoid)	NONE	
HAZARDOUS DECOMPOSITION PRODUCTS	NONE UNDER NORMAL STORAGE CONDITIONS	
HAZARDOUS POLYMERIZATION	☐ MAY OCCUR	CONDITIONS TO AVOID NONE
	☒ WILL NOT OCCUR	

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INGESTION	INHALATION	SKIN ABSORPTION
	NO	NO	NO
HEALTH HAZARDS (Acute and chronic)	NONE		
CARCINOGENICITY	NTP:	IARC MONOGRAPHS:	OSHA REGULATED:
	NO	NO	NO
SIGNS AND SYMPTOMS OF EXPOSURE	NONE		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	NONE		
EMERGENCY AND FIRST AID PROCEDURES	NONE		

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
NONE
WASTE DISPOSAL METHOD
ANY METHOD CONSISTENT WITH LOCAL ENVIRONMENTAL CODES
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
NONE
OTHER PRECAUTIONS
NONE

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)	NONE REQUIRED.		
VENTILATION	LOCAL EXHAUST	SPECIAL	N/A
	MECHANICAL	OTHER	N/A
PROTECTIVE GLOVES	NOT REQUIRED	EYE PROTECTION	NOT REQUIRED
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	NOT REQUIRED		
WORK/HYGIENIC PRACTICES	ROUTINE GOOD HOUSEKEEPING.		



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