

## MATERIAL SAFETY DATA SHEET

### 01 – IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

PRODUCT NAME: SOUR BLUE RASPBERRY CANDY TYPE NAT & ART FLAVOUR  
SYNONYM: NONE  
PRODUCT USE: FLAVOUR  
ADDRESS: Corporation WONDER FLAVOURS INC.  
103 GRAND BOULEVARD  
ILE PERROT, QC  
J7V 4W7 CANADA  
PREPARATION DATE OF MSDS: 2016/09/16      PHONE NUMBER: 1-514-612-1264  
LAST UPDATE: 2016/10/28

### 02 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS NUMBER: NOT APPLICABLE  
EINECS NUMBER: NOT APPLICABLE  
FEMA NUMBER: NOT APPLICABLE  
INGREDIENTS: SOUR BLUE RASPBERRY CANDY WATER SOLUBLE FLAVOURING. INGREDIENTS: NATURAL AND ARTIFICIAL FLAVOURING, PROPYLENE GLYCOL, WATER, ETHYL ALCOHOL, MALIC ACID, SUCRALOSE

### 03 – HAZARDS IDENTIFICATION

PHYSICAL AND CHEMICAL HAZARD:  
REFER TO THE PARAGRAPHS RELATING TO PHYSICO-CHEMICAL PROPERTIES AND REGULATORY INFORMATION.  
HAZARDS TO MAN:  
REFER TO THE PARAGRAPHS RELATING TO TOXICOLOGICAL DATA AND REGULATORY INFORMATION.  
HAZARDS TO THE ENVIRONMENT:  
REFER TO THE PARAGRAPHS RELATING TO ECOLOGICAL DATA AND REGULATORY INFORMATION.

### 04 – FIRST-AID MEASURES

SKIN CONTACT:  
WASH WITH LARGE QUANTITIES OF WATER (OR WATER + SOAP). REMOVE CONTAMINATED CLOTHES.  
IF IRRITATION PERSISTS OR ANY SIGN OF TISSUE DAMAGE IS APPARENT, OBTAIN MEDICAL ADVICE.  
EYE CONTACT:  
IRRIGATE COPIOUSLY WITH WATER FOR AT LEAST TEN MINUTES.  
OBTAIN MEDICAL ADVICE IF IRRITATION OR EVIDENCE OF TISSUE DAMAGE PERSISTS.  
INGESTION:  
RINSE MOUTH WITH WATER. OBTAIN IMMEDIATE MEDICAL ADVICE.  
DO NOT INDUCE VOMITING.  
INHALATION:  
REMOVE THE PERSON TO FRESH AIR AND KEEP AT REST.

### 05 – FIRE- FIGHTING MEASURES

EXTINGUISHING MEDIA:  
RECOMMENDED: CARBON DIOXIDE, SPECIAL LIQUID OR DRY POWDER EXTINGUISHERS.  
USABLE: FOAM EXTINGUISHERS.  
INADVISABLE: DIRECT WATER JET.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
CLOSED CONTAINERS MAY BUILD UP PRESSURE AT ELEVATED TEMPERATURES.  
IF POSSIBLE, CONTAINERS SHOULD BE COOLED WITH A WATER SPRAY.

### 06 – ACCIDENTAL RELEASE MEASURES

TO AVOID A POSSIBLE CONTAMINATION OF THE ENVIRONMENT, CONTAIN SPILLED MATERIAL.  
COVER WITH AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL, SWEEP UP AND REMOVE TO AN APPROVED DISPOSAL CONTAINER.  
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.  
AVOID OPEN FLAMES OR OTHER SOURCES OF IGNITION. AVOID INHALATION OF VAPORS.

## 07 – HANDLING AND STORAGE

### HANDLING

MEASURES SHOULD BE TAKEN TO PREVENT MATERIALS FROM BEING SPLASHED INTO THE EYES OR ON THE SKIN. THIS SHOULD INCLUDE THE WEARING OF EYESHIELDS AND PROTECTIVE CLOTHING. MAINTAIN ADEQUATE AIR CIRCULATION IN THE WORKING AREA.

### STORAGE

STORE IN TIGHTLY SEALED AND PREFERABLY FULL CONTAINERS IN A COOL, DRY LOCATION. PROTECT FROM LIGHT. CHECK QUALITY BEFORE USE IF STORED FOR MORE THAN 6 MONTHS. KEEP IN SUITABLE OR ORIGINAL CONTAINER.

## 08 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	IN WELL-VENTILATED AREAS, RESPIRATORY PROTECTION IS NOT NORMALLY REQUIRED. IN CONFINED, POORLY VENTILATED AREAS, IT MAY BE REQUIRED.
HAND PROTECTION:	THE USE OF CHEMICAL RESISTANT GLOVES IS RECOMMENDED
EYE PROTECTION:	THE USE OF SAFETY GLASSES IS RECOMMENDED
SKIN PROTECTION:	LIGHT PROTECTIVE CLOTHING IS RECOMMENDED.
VENTILATION:	PROVIDE ADEQUATE VENTILATION; USE LOCAL EXHAUST FAN IF NECESSARY.

## 09 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIQUID  
COLOR: CLEAR LIGHT ORANGE  
ODOR: CHARACTERISTIC (ODOR THRESHOLD: NOT DETERMINED)

FLASH POINT (CC) (°C): >93.3°C  
WATER SOLUBILITY: SOLUBLE  
SPECIFIC GRAVITY (21°C): 1.04 (TYPICAL)  
BOILING POINT: NOT DETERMINED  
MELTING / FREEZING POINT: NOT DETERMINED  
VAPOR PRESSURE: NOT DETERMINED  
VAPOR DENSITY (AIR=1): NOT DETERMINED  
PARTITION COEFFICIENT n-OCTANOL/WATER: NOT DETERMINED  
SELF-IGNITION TEMPERATURE: NOT DETERMINED  
PH: NOT APPLICABLE  
EVAPORATION RATE: NOT DETERMINED

## 10 – STABILITY AND REACTIVITY

STABILITY: STABLE  
CONDITION TO AVOID: EXCESSIVE HEAT, OPEN FLAMES OR OTHER SOURCES OF IGNITION.

## 11 – TOXICOLOGICAL INFORMATION

PRODUCT MAY BE IRRITATING TO SKIN AND EYES.  
LIQUID CONTAINS PROPYLENE GLYCOL (CAS: 57-55-6) WHICH HAS THE FOLLOWING TOXICITY DATA:  
LD50 (ORAL, RAT) = GREATER THAN 20 g/kg  
LD50 (DERMAL, RABBIT) = 20.8 g/kg  
LIQUID CONTAINS ETHYL ALCOHOL (CAS: 64-17-5) WHICH HAS THE FOLLOWING TOXICITY DATA:  
LD50 (ORAL, RAT) = 7 g/kg  
LD50 (DERMAL, RABBIT) = 20 g/kg  
LIQUID CONTAINS MALIC ACID (CAS: 6915-15-7) WHICH HAS THE FOLLOWING TOXICITY DATA:  
LD50 (ORAL, RAT) = 1.6 g/kg  
LD50 ( ) = NOT DETERMINED

## 12 – ECOLOGICAL INFORMATION

NO ECOTOXICOLOGIC INFORMATION KNOWN AT THIS TIME.  
AVOID ANY POLLUTION OF GROUND, SURFACE OR UNDERGROUND WATER.

## 13 – DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14 – TRANSPORTATION INFORMATION

UN NUMBER: NOT APPLICABLE  
MARINE POLLUTANT: NOT DETERMINED

15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: N/R (FLAVOUR)  
THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16 – OTHER INFORMATION

CONTROLLED PRODUCTS REGULATION (CPR) (UNDER THE HAZARDOUS PRODUCTS ACT, WHICH IS PART OF THE LEGISLATION RELATIVE TO WHMIS) APPLIES ONLY TO CONTROLLED PRODUCTS (THAT IS TO SAY DANGEROUS) PURSUANT TO WHMIS. THEREFORE, THE NON-CONTROLLED PRODUCTS PURSUANT TO WHMIS ARE NOT SUBJECT TO CPR, NOR TO THE RULE OF UPDATING EVERY 3 YEARS. UPDATES OF NON-CONTROLLED PRODUCT MSDS ARE OF LESS IMPORTANCE THAN THOSE OF CONTROLLED PRODUCTS. UPDATES OF NON-CONTROLLED PRODUCTS MSDS MUST NEVERTHELESS BE MADE WITHIN A REASONABLE TIME.

DISCLAIMER

THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THE DATA SHEET REPRESENT, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, AN ACCURATE AND RELIABLE REPRESENTATION AS TO THE KNOWN DATA FOR THIS MATERIAL. THE DATA HAS BEEN OBTAINED FROM A NUMBER OF SOURCES AND WONDER FLAVOURS CANNOT GUARANTEE ITS ACCURACY, RELIABILITY AND COMPLETENESS NOR CAN WONDER FLAVOURS ASSUME ANY LIABILITY FOR ANY LOSS OR DAMAGE ARISING OUT OF THE USE OF THIS DATA. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THIS INFORMATION IN A PRUDENT MANNER AND TO USE IT IN A MANNER THAT IS CONSISTENT FOR ITS PARTICULAR PURPOSE.