SAFETY DATA SHEET
WILD CHERRY SYRUP

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: WILD CHERRY SYRUP

PRODUCT CODE: WI/22

SUPPLIER
J M Loveridge Ltd
Unit 5, Kingsway
Walworth Industrial Estate, Andover
Hampshire, SP10 5LQ
+44 (0) 1264 367610
+44 (0) 1264 351761
Mr. S Knight – admin@jmloveridge.com

EMERGENCY CONTACT NUMBER:

2 HAZARDS IDENTIFICATION

Primary Hazards: Nil
Health Effects:

Eyes
May cause minor irritation and watering.

Ingestion
Non-toxic under normal use. Excessive consumption may give effects due to Hydrocyanic Acid. These include constriction of the throat, nausea, vomiting, giddiness, breathing effects, alteration of heart rate, unconsciousness, convulsions and death.

Inhalation
Not likely under normal use. Possible effects due to hydrocyanic acid as for ingestion.

Skin
Prolonged contact may cause slight irritation and possible hypersensitive reaction and contact dermatitis in some people. Possible systemic effects due to skin absorption of hydrocyanic acid as for ingestion.

3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION
An extract from the bark of Prunus serotina Ehrl. Containing approximaley 80%w/v Sucrose (CAS No 57-50-1), 0.1%w/v Sodium salts of mixed hydroxybenzoate, 5.0%v/v Glycerol (CAS No 56-81-5) and water. This product contains trace amounts of Hydrocyanic acid (CAS No 74-90-8).

HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Typical</th>
<th>EC Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocyanic acid</td>
<td>&lt;0.0075%w/v</td>
<td>200-821-6</td>
<td>T+ -R26/27/28;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Annex I No 006-006-01-7)</td>
<td>N – R50/53</td>
</tr>
<tr>
<td>CAS NUMBER</td>
<td></td>
<td>84604-07-9</td>
<td></td>
</tr>
</tbody>
</table>
4 FIRST-AID MEASURES

EYES
Remove contact lenses if possible. Irrigate eyes with water or eye wash solution for at least five minutes. Obtain medical advice if discomfort or redness persists.

INGESTION
Wash mouth out thoroughly with water. Do not induce vomiting. Seek medical assistance if symptoms are experienced.

INHALATION
Remove to fresh air, keep warm and at rest. Seek medical assistance if symptoms are experienced.

SKIN
Wash affected skin thoroughly with soap and water. Seek medical advice as discomfort persists.

ADVICE TO PHYSICIANS
If necessary treat as hydrocyanic poisoning.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
All suitable.

UNSUITABLE EXTINGUISHING MEDIA
None.

SPECIAL HAZARDS
May produce acrid smoke carbon dioxide and carbon monoxide.

PROTECTIVE EQUIPMENT
Self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Splash goggles, protective oversuit, boots and gloves as appropriate to spill size/volume.

ENVIRONMENTAL PRECAUTIONS
Do not allow product to enter drains or water courses.

SPILLAGE
Mop up or absorb onto sand or a proprietary absorbent, dispose of as directed. Wash contaminated area thoroughly with water and detergent.

7 HANDLING AND STORAGE

HANDLING
When pouring avoid splashing.

STORAGE
Store in well filled, tightly closed containers away from sources of heat. Prevent from freezing.

8 EXPOSURE CONTROLS/PERSOAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS
Glycerol mist: 10mg/m³ 8 hour TWA
Hydrocyanic acid: 10ppm, 11mg/m³ STEL – 15 minute reference period.
ENGINEERING CONTROL MEASURES
None required.

EYE PROTECTION
Goggles or face-shield while pouring or mixing.

GENERAL PROTECTION
Wear overalls.

RESPIRATORY PROTECTION
Dust/mist/fume respirator if glycerol mist is present.

SKIN/HAND/PROTECTION
PVC or rubber gloves.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Reddish brown</td>
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<tr>
<td>Odour</td>
<td>Characteristic odour</td>
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<tr>
<td>pH</td>
<td>No test data</td>
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<tr>
<td>Boiling Point °C</td>
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</tr>
<tr>
<td>Flash Point °C</td>
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<tr>
<td>Explosion Limits</td>
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<tr>
<td>Solubility in Water</td>
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<tr>
<td>Solubility in</td>
<td>Miscible in alcohol</td>
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<tr>
<td>Vapour Pressure (hPa)</td>
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</tr>
<tr>
<td>Weight (g/ml)</td>
<td>1.30 – 1.33 at 20°C</td>
</tr>
<tr>
<td>Flammability</td>
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<tr>
<td>Auto-Ignition (°C)</td>
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<tr>
<td>Explosive Properties</td>
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<tr>
<td>Oxidising Properties</td>
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<tr>
<td>Viscosity (cSt)</td>
<td>Mobile liquid</td>
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<tr>
<td>Vapour Density (AIR=1)</td>
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<tr>
<td>Decomposition Temperature °C</td>
<td>No test data</td>
</tr>
<tr>
<td>Dust Explosion Data</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable.

CONDITIONS TO AVOID
Elevated storage temperatures/freezing temperatures.

MATERIALS TO AVOID
Oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS
None.

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY
Hydrocyanic acid: LD50 Rat Oral 3.62mg/kg
LC50 Rat inhalation, 30 minute, 160ppm
LD50 Rabbit Dermal, 6.89mg/kg (intact skin)
EYE IRRITANT
No data.
SKIN IRRITANT
No data.
SKIN SENSITISATION
Prolonged contact may cause sensitisation in some people.
SUB-ACUTE/SUBCHRONIC TOXICITY
No data.
CHRONIC TOXICITY/CARCINOGENITY
No data.
GENOTOXICITY
No reported evidence.
REPRODUCTIVE/DEVELOPMENTAL TOXICITY
No data.
HUMAN DATA
Fatal dose of hydrocyanic acid in man reported as 50mg. LCLo Human Inhalation, 2 minutes, 363ppm.

ADDITIONAL DATA
None.

12 ECOLOGICAL INFORMATION

MOBILITY
Expected to be mobile in the environment.
PERSISTANCE/DEGRADABILITY
No test data.
BIO-ACCUMULATION
No expected to bio-accumulate.
ECOTOXICITY
No test data.

13 DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL
Through licensed waste disposal contractor.
CONTAINER DISPOSAL
Through licensed waste disposal contractor.

14 TRANSPORT INFORMATION

Not classified as hazardous for all modes of transportation.

15 REGULATORY INFORMATION

EC CLASSIFICATION
Health Not classified
Physico Chemical Properties Not classified
Environmental Not classified

RISK PHRASES
None.

SAFETY PHRASES
None.

16 OTHER INFORMATION

NATIONAL LEGISLATION
Chemicals (Hazard Information And Packaging For Supply) Regulations 2002 (as amended).

REFERENCES USED
1. Martindale 35th edition pages 1806 (Sucrose), 1861 (Hydrocyanic Acid), 1485 (Sodium Methyl Hydroxybenzoate), 2187 (Wild Cherry Bark) and 2100 (Glycerol).
2. Sax’s Dangerous Properties of Industrial Materials Eighth Edition page 1794 GGA000 (Glycerol), page 1896 HH5000 (Hydrocyanic acid).
3. Micromedex Poisindex (R) Substance Identification (Glycerol and Sucrose).
4. IUCLID dataset for hydrogen cyanide.

Full list of R-Phrases used in Section 2:
R26/27/28 – Very toxic by inhalation, in contact with skin and if swallowed.
R50/53 – Very toxic to aquatic organisms, may cause long term Adverse effects in the aquatic environment.

DISCLAIMER
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