

**Security data sheet**  
**Grape juice**

**Security data sheet 18/11/2014 Rev.01**

**1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND OF THE COMPANY/**

- 1.1 Identification of the product Identification of the mixture  
Business name: Grape Juice
- 1.2 Relevant identified uses of the substance/mixture and uses advised  
Recommended use:  
Industrial use  
Professional use  
Food use  
Enological application
- 1.3 Details of the supplier of the safety data sheet Supplier: **Keller Juices s.r.l. – Via Mario Vellani Marchi, 50 – 41124 Modena - Italy**

**2. IDENTIFICATION OF HAZARDS**

- 2.1 Classification of the substance or mixture Criteria of Directives 67/548/CE, 99/45/CE and its amendments: No specific hazards are encountered under normal product use. Criteria Regulation CE 1272/2008 (CLP): No specific hazards are encountered under normal product use.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Monosaccharide sugars Glucose+Fructose 10% < conc < 50%**  
Hazardous components within the meaning of Directive CEE 67/548 and the Regulation on classification, labelling and packaging of substances, and corresponding classification: none

**4. FIRST AID**

- 4.1 Description of first aid measures
- In case of skin contact: Wash with plenty of soap and water.
  - In case of contact with eyes: Wash with plenty of water.
  - If swallowed: Rinse mouth with water
  - In case of inalation: n.n.
- 4.2 Most important symptoms and effects, both acute and delayed  
none
- 4.3 Indication of any immediate medical attention and special treatment needed  
In case of accident or if you feel unwell, seek medical advice immediately (if possible show direction for use or safety data sheet  
Treatment:  
None

**5. FIRE-FIGHTING MEASURES**

- 5.1 Extinguishing  
Suitable extinguishing media: water.  
Carbon dioxide (CO2).  
Extinguishing media which must not be used for safety reasons:

KELLER JUICES SRL – Società unipersonale  
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OFFICES: VIA PANSA, 1 – 42124 REGGIO EMILIA - ITALY  
TEL: +39 – 0522 – 232555 / TELEFAX: +39 – 0522 – 921516  
[http:// www.kellerjuices.com](http://www.kellerjuices.com) - E-mail: [info@kellerjuices.com](mailto:info@kellerjuices.com)  
P.IVA e C.F. 03597760366 – Cap.Soc. Euro 10.000 i.v.R.E.A. MO-401774

None.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases .

5.3 Advice for fire-fighters

Use suitable breathing apparatus.

Collect separately contaminated water used to extinguish the fire. Do not be discharged into drains

If feasible in terms of safety, move from hazard undamaged containers .

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear personal protective equipment

Remove persons to a safe place

Refer to protective measures under point 7 and 8.

6.2 Environmental precautions: do not allow to enter into soil/subsoil.

Prevent runoff into surface water or sanitary sewer system.

Retain contaminated washing water and dispose it. In the event of a gas leak or of entry into waterways, soil or drain, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3 Methods and materials for containment and cleaning up: flush with plenty of water.

6.4 Reference to other section: see also section 8 and 13

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling:

when using do not eat or drink.

Please refer also to section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.

Keep away from food, drink and animal feed.

Technical measures:

cool and adequately ventilated and dry

7.3 Specific final use:

None in particular

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

None

8.2 Exposure controls

Eye protection:

Goggles dust.

Skin protection:

Does not require the adoption of any special precautions for normal use.

Protection of hands:

Not required for normal use.

Respiratory protection:

Not needed for normal use . Where ventilation is insufficient or exposure is prolonged, employ a protective respiratory equipment : . CEN/FFP-2(S) o CEN/FFP-3(S).

thermal hazards:

None

Environmental exposure controls:  
None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical protections

Appearance and colour:	Liquid product pale yellow or red
Odor:	Characteristic of grapes
Odor threshold:	N.A.
pH:	3,0 ± 0,5
Melting point/freezing point:	4° C
Initial boiling point and boiling range:	105 °C
Flammability solid/gas:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	325 °C
Evaporation rate:	N.A.
Vapor pressure:	N.A.
Relative density:	N.A.
Solubility in water:	Solubile
Lipid solubility:	Insolubile
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	> 500 °C
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	N.A.
Oxidizing properties:	N.A.

### 9.2 Other information

Miscibility:	N.A.
Lipid solubility:	N.A.
Conductivity:	N.A.
Property characteristic of the groups of substances	N.A.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under normal condition

### 10.2 Chemical stability

Stable under normal condition

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid:

Stable under normal condition

### 10.5 Incompatible materials:

None.

### 10.6 Hazardous decomposition products:

None.

## 11. TOXICOLOGICAL INFORMATION

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- 11.1 Information on toxicological effects
  - Non-toxic
  - Skin irritation: no irritant effect
  - Eye irritation: no irritant effect
  - Sensitization: no sensitizing effects

## 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity
  - Use according to good working practices, avoiding disposal in the environment.
- 12.2 Persistence and degradability
  - None
- 12.3 Potential for bioaccumulation
  - N.A.
- 12.4 Mobility in soil
  - N.A.
- 12.5 Results of PBT e vPvB assessment
  - None
- 12.6 Other adverse effects
  - None

## 13. DISPOSAL CONSIDERATIONS

- 13.1 Methods of treatment of the waste
  - Recover if possible. Operate according to local and national

## 14. TRANSPORT INFORMATION

- 14.1 UN Number:
  - Not classified as dangerous under transport regulations.
- 14.2 UN proper shipping name:
  - N.A.
- 14.3 Class transport hazard:
  - N.A.
- 14.4 Packing group:
  - N.A.
- 14.5 Special precautions for users
  - N.A.
- 14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
  - Environmental pollutant :
  - No

## 15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations, legislation specific for the substance or mixture D.Lgs. 3/2/1997 n. 52 (Classificazione, imballaggio ed etichettatura sostanze pericolose). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous substances). D.Lgs. 2/2/2002 n. 25 (Risk related to chemical agents at work). D.M. Lavoro 26/02/2004 (Occupational exposure limit values); D.M. 03/04/2007 (Implementation of Directive n. 2006/8/CE). Regolamento (CE) n. 1907/2006 (REACH), Regolamento (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (UE) n. 453/2010 (Annex I).  
Where applicable, refer to the following standards:  
Ministerial circulars 46 and 61 (Aromatic amines).

D.Lgs. 21 settembre 2005 n. 238 (Seveso directive ter)  
 EC Regulation n. 648/2004 (Detergents).  
 D.M. 16 January 2004 n.44 (VOC directive COV)  
 15.2 Chemical safety assessment  
 None

## 16. OTHER INFORMATION

Main bibliographic sources:

NIOSH -Registry of toxic effects of chemical substances (1983)

I.N.R.S. -Fiche Toxicologique CCNL -Annex 1 "TLV for 1989-90" National institute of Health –  
 National inventory chemicals

The information contained in this sheet is based on our knowledge at the date indicated above. It refers solely to the product indicated and constitutes no guarantee of particular quality. The user must verify the suitability and completeness of such information in relation to the specific use intended. This MSDS cancels and replaces any preceding release annulla e sostituisce ogni edizione precedente.

ADR:	European agreement concerning the International. Carriage of Dangerous Goods by road
CAS:	Chemical abstract service (division of the American Chemical Society).
CLP:	Classification, labeling, packaging.
DNEL:	Derived no effect level .
EINECS:	European inventory of existing commercial chemical substances.
GefStoffVO:	Ordinance on hazardous substances, Germany.
GHS:	Globally armonized system of classification and labeling of chemicals.
IATA:	International air transport association.
IATA-DGR:	Regulation for the safe transport of dangerous goods of the "International air transport association" (IATA).
ICAO:	International civil aviation
ICAO-TI:	Technical instructions of "International civil aviation organization" (ICAO).
IMDG:	International maritime code for dangerous goods.
INCI:	International nomenclature of cosmetic ingredients
KSt:	Explosion coefficient.
LC50:	Lethal concentration for 50% of test population.
LD50:	Lethal dose for 50% of test population.
PNEC:	Predicted no effect concentration.
RID:	Regulation concerning the International Carriage of Dangerous Goods by rail.
STEL:	Short term exposure.
STOT:	Specific target organ toxicity.
TLV:	Thresold limit value.
TWATLV:	Thresold limit value for an average-weighted exposure of 8 hours per day. (standard ACGIH).
WGK:	German class water hazard.