

# Safety Data Sheet

Product Code: TS110

2014-05-27

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

**Product Name:** Green Apple #TS110

**Product Code:** TS110

Product Use: Fragrance

## SECTION 2: HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

## SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

The specific chemical identities of the ingredients of this mixture are considered to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Code of Federal Regulations.

## SECTION 4: First Aid Measures

**Eye contact:** Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids.

**Skin contact:** In case of contact, immediately flush skin with plenty of water for at least 20 minutes.

**Inhalation:** Move exposed person to fresh air.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Notes to physician:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments:** No specific treatment.

## SECTION 5: Fire Fighting measures

### Extinguishing media

**Suitable extinguishing media:** Use dry chemical or CO<sub>2</sub>.

**Unsuitable extinguishing media:** Do not use water jet.

### Special hazards arising from the substance or mixture

**Hazardous combustion products:** Decomposition products may include but are not limited to the following materials:  
Oxides of Carbon and Nitrogen.

### Advice for firefighters

**Special protective equipment** Fire-fighters should wear appropriate protective equipment and self-

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**for fire-fighters:**

contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency Personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders:**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill:**

Stop leak if without risk. Move containers from spill area. Use appropriate tools to put the spilled mixture in a convenient waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:**

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Use a mop to put the material into a convenient waste disposal container and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

### Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## SECTION 7: Handling and Storage

**Protective measures:**

Put on appropriate personal protective equipment (see Section 8).

**Advice on general**

**occupational hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities:**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8: Exposure Controls/Personal Protection

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The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s)

## Control parameters

**Occupational exposure limits:**

No exposure limit value known.

**Recommended monitoring procedures:**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

## Exposure controls

**Appropriate engineering controls:**

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

## Individual protection measures

**Hygiene measures:**

Ensure that eyewash stations and safety showers are close to the workstation location. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

**Eye/face protection:**

Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses.

## Skin protection

**Hand protection:**

Recommended: Rubber or cotton protective gloves

**Body protection:**

Lab coat

**Other skin protection:**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:**

Not required under normal conditions of uses. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

**Environmental exposure Controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## **SECTION 9: Physical and Chemical Properties**

### Information on basic physical and chemical properties

**Appearance**

**Physical state:**

Liquid.

**Colour:**

Pale yellow to yellow

**Odour:**

Fruity

**Odour threshold:**

No specific data.

**pH:**

No specific data.

**Melting point/freezing point:**

No specific data.

**Initial boiling point and boiling range:**

No specific data.

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|                                                      |                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------|
| <b>Flash point:</b>                                  | 75°C [Pensky-Martens, CC]                                       |
| <b>Evaporation rate:</b>                             | No specific data.                                               |
| <b>Flammability:</b>                                 | No specific data.                                               |
| <b>Upper/lower flammability or explosive limits:</b> | No specific data.                                               |
| <b>Vapour pressure:</b>                              | No specific data.                                               |
| <b>Vapour density:</b>                               | No specific data.                                               |
| <b>Relative density:</b>                             | 0.95 ± 0.02 @ 25°C                                              |
| <b>Refractive Index:</b>                             | 1.48 ± 0.02 @ 25°C                                              |
| <b>Solubility(ies):</b>                              | Insoluble in the following materials: cold water and hot water. |
| <b>Partition coefficient: noctanol/water:</b>        | No specific data.                                               |
| <b>Auto-ignition temperature:</b>                    | No specific data.                                               |
| <b>Decomposition temperature:</b>                    | No specific data.                                               |
| <b>Viscosity:</b>                                    | No specific data.                                               |
| <b>Explosive properties:</b>                         | No specific data.                                               |
| <b>Oxidizing properties:</b>                         | No specific data.                                               |

## SECTION 10: Stability and Reactivity

|                                            |                                                                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No specific test data related to reactivity available for this product or its ingredients.                                           |
| <b>Chemical stability:</b>                 | No known hazardous reactions. No specific data.                                                                                      |
| <b>Possibility of hazardous reactions:</b> | Under normal conditions of storage and use, hazardous reactions will not occur.                                                      |
| <b>Conditions to avoid:</b>                | No specific data.                                                                                                                    |
| <b>Incompatible materials:</b>             | No specific data.                                                                                                                    |
| <b>Hazardous decomposition products:</b>   | Decomposition products may include but are not limited to the following materials: Carbon dioxide, Carbon monoxide, Nitrogen oxides. |

## SECTION 11: Toxicological Information

|                                                                                                 |                                                   |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Acute toxicity Oral</b>                                                                      | Not available.                                    |
| <b>Acute toxicity Dermal</b>                                                                    | Not available.                                    |
| <b>Acute toxicity inhalation</b>                                                                | Not available.                                    |
| <b>Acute toxicity Aspiration hazard</b>                                                         | Not available.                                    |
| <b>Potential acute health effects</b>                                                           |                                                   |
| <b>Ingestion:</b>                                                                               | No specific data.                                 |
| <b>Inhalation:</b>                                                                              | No specific data.                                 |
| <b>Skin contact:</b>                                                                            | No specific data.                                 |
| <b>Eye contact:</b>                                                                             | No specific data.                                 |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b>             |                                                   |
| <b>Ingestion:</b>                                                                               | No specific data.                                 |
| <b>Inhalation:</b>                                                                              | No specific data.                                 |
| <b>Skin contact:</b>                                                                            | No specific data.                                 |
| <b>Eye contact:</b>                                                                             | No specific data.                                 |
| <b>Delayed and immediate effects and also chronic effects from short and long term exposure</b> |                                                   |
| <b>Short term exposure</b>                                                                      |                                                   |
| <b>Potential immediate effects:</b>                                                             | Not available.                                    |
| <b>Potential delayed effects:</b>                                                               | Not available.                                    |
| <b>Long term exposure</b>                                                                       |                                                   |
| <b>Potential immediate effects:</b>                                                             | Not available.                                    |
| <b>Potential delayed effects:</b>                                                               | Not available.                                    |
| <b>General:</b>                                                                                 | No known significant effects or critical hazards. |
| <b>Carcinogenicity:</b>                                                                         | No known significant effects or critical hazards. |
| <b>Mutagenicity:</b>                                                                            | No known significant effects or critical hazards. |
| <b>Teratogenicity:</b>                                                                          | No known significant effects or critical hazards. |

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**Fertility effects:** Contains  
**Other information:** Not available.

## SECTION 12: Ecological Information

Avoid contamination of soil, ground and surface water.

**PBT:** No.  
P: Not available. B: Not available. T: No.  
**vPvB:** No specific data.

### Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal Considerations

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with

the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Hazardous waste:** Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions:** This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport Information

| <u>Regulator</u> | <u>Proper Shipping Name</u> | <u>Class</u> | <u>Packaging Group</u> | <u>UN number</u> |
|------------------|-----------------------------|--------------|------------------------|------------------|
| U.S. DOT         | N/A                         |              |                        |                  |
| IMDG (Sea)       | N/A                         |              |                        |                  |
| IATA (Air Cargo) | N/A                         |              |                        |                  |

## SECTION 15: Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006  
(REACH)

None of the compounds are listed.

Annex XIV - List of substances  
subject to authorization Substances

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of very high concern:

**Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:** Not applicable.

## Other EU regulations

**Europe inventory:** This material is listed or exempted.

**EU - Safety of Toys (2009/48/EC) - Allergenic Fragrances with Required Labeling:** Not listed.

**EU - Safety of Toys (2009/48/EC) - Allergenic Fragrances Prohibited in Toys:** Not listed.

**Black List Chemicals:** Not listed.

**Priority List Chemicals:** Not listed.

**Integrated pollution prevention and control list (IPPC) – Air:** Not listed.

**Integrated pollution prevention and control list (IPPC) – Water:** Not listed.

## US regulations

**US. Toxic Substances Control Act (TSCA):** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Prop. 65:** To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

## Chemical Safety

**Assessment:** Not available.

## **SECTION 16: Other information**

**Abbreviations and acronyms:** ATE = Acute Toxicity Estimate  
CLP = Classification, Labeling and Packaging Regulation [Regulation (EC) No.1272/2008]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number

**Recommended restrictions:** None

**History :**  
**Date of issue**  
(dd/mm/yyyy):  
27/05/2014

**Version: 1**

**Liability**

The data contained in this Material Safety Data Sheet is accurate to the best knowledge of by the manufacturer. applies to the product as supplied by the manufacturer. and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does the manufacturer assume responsibility for use or reliance upon this data.