

# SAFETY DATA SHEET

## HILLYARD QUICK & CLEAN GUM-GO

HIL0103054

Version 1.0

Revision Date 04/27/2015

Print Date 05/29/2015

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : Hillyard Quick & Clean Gum-Go Chewing Gum and Candlewax Remover

Material number : A00183

#### Manufacturer or supplier's details

Company : Hillyard Industries

Address : 302 North 4<sup>th</sup> Street  
Joseph, MO 64502

Telephone : 816-233-1321 ext 8285

#### Emergency telephone numbers

For SDS Information : 816-233-1321 ext 8285

For a Medical Emergency :

For a Transportation Emergency : CHEMTREC 800-424-9300

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|            |                                    |
|------------|------------------------------------|
| Appearance | Aerosol containing a liquefied gas |
| Colour     | clear                              |
| Odour      | odourless                          |

#### GHS Classification

Flammable aerosols : Category 1  
Gases under pressure : Liquefied gas

#### GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
**Storage:**  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

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### Potential Health Effects

#### Carcinogenicity:

|              |                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IARC</b>  | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| <b>ACGIH</b> | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.            |
| <b>OSHA</b>  | No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.             |
| <b>NTP</b>   | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                 |

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

| Chemical Name | CAS-No.  | Concentration [%] |
|---------------|----------|-------------------|
| butane        | 106-97-8 | >= 70 - < 90      |
| propane       | 74-98-6  | >= 20 - < 30      |

### SECTION 4. FIRST AID MEASURES

|                         |                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice          | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                                                                         |
| If inhaled              | : If unconscious place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                                                                           |
| In case of skin contact | : Take off contaminated clothing and shoes immediately.<br>Get medical attention if irritation develops and persists.<br>Wash contaminated clothing before re-use.<br>Wash off immediately with plenty of water for at least 15 minutes. |
| In case of eye contact  | : Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.<br>If in eyes, rinse with water for 15 minutes.                                              |
| If swallowed            | : Keep respiratory tract clear.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>DO NOT induce vomiting unless directed to do so by a physician or poison control center.          |

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### SECTION 5. FIREFIGHTING MEASURES

|                                               |                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                  | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical<br>Water spray jet                                                     |
| Unsuitable extinguishing media                | : High volume water jet                                                                                                                              |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or water courses.                                                                          |
| Hazardous combustion products                 | : Carbon dioxide (CO <sub>2</sub> )<br>Carbon monoxide<br>Smoke                                                                                      |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                            |
| Further information                           | : For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.                                                                             |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                                     |                                                                                                                                                                                                                 |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : Ensure adequate ventilation.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental precautions                                           | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities.                       |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Sweep up or vacuum up spillage and collect in suitable container for disposal.                      |

### SECTION 7. HANDLING AND STORAGE

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling | : For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Open drum carefully as content may be under pressure. |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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Dispose of rinse water in accordance with local and national regulations.

Always replace cap after use.

Do not breathe vapours or spray mist.

Conditions for safe storage : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.  
No smoking.  
Observe label precautions.  
Keep in a cool, well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Strong oxidizing agents

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components | CAS-No.  | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|------------|----------|----------------------------------|---------------------------------------------------|-----------|
| butane     | 106-97-8 | TWA                              | 800 ppm<br>1,900 mg/m <sup>3</sup>                | NIOSH REL |
|            |          | TWA                              | 800 ppm<br>1,900 mg/m <sup>3</sup>                | OSHA P0   |
| propane    | 74-98-6  | TWA                              | 1,000 ppm                                         | ACGIH     |
|            |          | TWA                              | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | NIOSH REL |
|            |          | TWA                              | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | OSHA Z-1  |
|            |          | TWA                              | 1,000 ppm<br>1,800 mg/m <sup>3</sup>              | OSHA P0   |

#### Personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands before breaks and at the end of workday.  
When using do not smoke.  
When using do not eat or drink.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Appearance                             | : Aerosol containing a liquefied gas |
| Colour                                 | : clear                              |
| Odour                                  | : odourless                          |
| Odour Threshold                        | : no data available                  |
| pH                                     | : not applicable                     |
| Melting point/freezing point           | : no data available                  |
| Boiling point                          | : no data available                  |
| Flash point                            | :<br>no data available               |
| Evaporation rate                       | : no data available                  |
| Flammability (solid, gas)              | : Extremely flammable aerosol.       |
| Upper explosion limit                  | : no data available                  |
| Lower explosion limit                  | : no data available                  |
| Vapour pressure                        | : no data available                  |
| Relative vapour density                | : no data available                  |
| Density                                | : no data available                  |
| Solubility(ies)                        |                                      |
| Water solubility                       | : negligible                         |
| Partition coefficient: n-octanol/water | : no data available                  |
| Auto-ignition temperature              | : not determined                     |
| Thermal decomposition                  | : no data available                  |
| Viscosity                              |                                      |
| Viscosity, kinematic                   | : no data available                  |
| Heat of combustion                     | : 49.35 kJ/g                         |

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**SECTION 10. STABILITY AND REACTIVITY**

|                                    |                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------|
| Reactivity                         | : Stable                                                                                              |
| Chemical stability                 | : Stable under normal conditions.                                                                     |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air. |

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|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| Conditions to avoid              | : Heat, flames and sparks.<br>Extremes of temperature and direct sunlight. |
| Incompatible materials           | : Strong oxidizing agents                                                  |
| Hazardous decomposition products | : Carbon oxides                                                            |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Components:

##### **butane:**

|                           |                                                |
|---------------------------|------------------------------------------------|
| Acute inhalation toxicity | : LC50 mouse: 1,237 mg/l<br>Exposure time: 2 h |
|                           | LC50 rat: 1,355 mg/l                           |

##### **propane:**

|                           |                                                |
|---------------------------|------------------------------------------------|
| Acute inhalation toxicity | : LC50 mouse: 1,237 mg/l<br>Exposure time: 2 h |
|                           | LC50 rat: 658 mg/l<br>Exposure time: 4 h       |
|                           | LC50 rat: 1,355 mg/l                           |

#### Skin corrosion/irritation

no data available

#### Serious eye damage/eye irritation

no data available

#### Respiratory or skin sensitisation

no data available

#### Germ cell mutagenicity

no data available

#### Carcinogenicity

no data available

#### Reproductive toxicity

no data available

##### **butane:**

##### **propane:**

#### STOT - single exposure

no data available

#### STOT - repeated exposure

no data available

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### Aspiration toxicity

no data available

### Further information

#### Product:

Remarks: no data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

no data available

### Persistence and degradability

no data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: no data available

#### Components:

##### butane :

Partition coefficient: n-octanol/water : Pow: 2.89

### Mobility in soil

no data available

### Other adverse effects

no data available

#### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : no data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Do not dispose of waste into sewer.

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Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

### SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
ORM-D, CONSUMER COMMODITY

Transportation Regulation: IMDG (Vessel):  
UN1950, AEROSOLS, 2.1, - Limited quantity

Transportation Regulation: IATA (Cargo Air):  
UN1950, Aerosols, flammable, 2.1, - Limited quantity

Transportation Regulation: IATA (Passenger Air):  
UN1950, Aerosols, flammable, 2.1, - Limited quantity

Transportation Regulation: TDG (Canada):  
UN1950, AEROSOLS, 2.1, - Limited quantity

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Sudden Release of Pressure Hazard  
Fire Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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The components of this product are reported in the following inventories:

|       |                                                         |
|-------|---------------------------------------------------------|
| TSCA  | On TSCA Inventory                                       |
| DSL   | All components of this product are on the Canadian DSL. |
| AICS  | On the inventory, or in compliance with the inventory   |
| NZIoC | On the inventory, or in compliance with the inventory   |
| PICCS | On the inventory, or in compliance with the inventory   |
| IECSC | On the inventory, or in compliance with the inventory   |

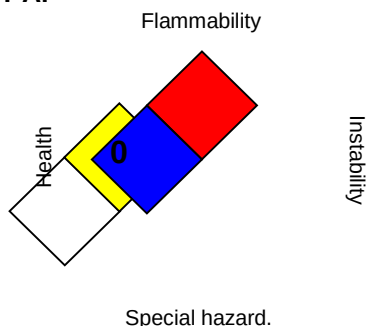
### Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 3 |
| FLAMMABILITY    | 4 |
| PHYSICAL HAZARD | 2 |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA GHS Label Information:

Hazard pictograms



Signal word

: **Danger:**

Hazard statements

: Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary statements

: **Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes.

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This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

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