

	MATERIAL SAFETY DATA SHEET	Page 1 of 3 Date: 1 March 2012 Revision: 2
Tallow		

1 IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade name	: Tallow
EC Official Substance Name	: —
Synonyms	: Beef fat (edible), Premier Gravy
REACH Registration Number	: Not applicable (see section 15)
Use	: Food, Petfood, Technical applications
Company identification	: All Sonac Fat Producing Plants in: Belgium, France, Germany and The Netherlands
Emergency phone number	: Contact your national Anti Poison Centre (only to be contacted by a physician) or Sonac Central Quality Department: +31 (0)499 364 820.

2 HAZARDS IDENTIFICATION

Hazardous substance classification	: None (according to Directive EG 1272/2008)
Most important adverse physicochemical, human, health and environmental hazards, effects and symptoms	: <ul style="list-style-type: none"> • Burn risks, as the product is stored and transported at approx. 60-80°C; • Product can be ignited / burn at temperatures above 270°C.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Organic product from animal origin, produced from rendering fatty tissue of cattle according Regulation EC 853/2004. This product is considered as non hazardous and does not contain hazardous components (according to Directive EG 1272/2008).

Hazardous substance classification	: None (according to Directive EG 1272/2008)
CAS Number	: 61789-97-7
EINECS Number	: Not applicable
REACH Registration Number	: Not applicable (see section 15)

4 FIRST AID MEASURES

General information	: Seek immediate medical assistance when undesirable effects occur.
Inhalation	: Not applicable as product is solid or liquid and not volatile.
Ingestion	: Risk of (internal) injury, due to temperature of product. Seek medical attention.
Skin contact	: Burn risks. Cooling and seek medical attention.
Eye contact	: Burn risks. Irrigate eye thoroughly with (warmish) water or eye wash solution. Seek medical attention.

5 FIRE FIGHTING MEASURES

Suitable extinguishing agents	: Powder, foam, carbon dioxide and/or sand.
Remarks	: *** DO NOT USE WATER AS EXTINGUISHING AGENT *** As in all cases of fire, avoid smoke inhalation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	: Use proper protection.
After spillage / leakage	: If spillage occurs, contain product and transfer to containers ready for disposal.

7 HANDLING AND STORAGE

Handling	: Handle product according to industrial hygiene and safety procedures. If desired, although not required, wear suitable clothing (including gloves, eye protection and overall).
Storage	: Product needs to be stored in an appropriate storage facility. It is recommended to store the product in a suitable storage tank equipped with heating and insulation. Contamination with other goods has to be prevented.

Tallow

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	: No OEL available.
Personal protection	
• <i>Respiratory protection</i>	: Not required.
• <i>Skin protection</i>	: Not required, but, if desired, use heat proof impervious gloves, apron, overall and chemical safety boots.
• <i>Eye protection</i>	: Not required, but, if desired, use chemical splash goggles or face shield.
• <i>Ingestion</i>	: Foods and beverages should not be consumed in the vicinity of the work area. Wash hands before work breaks and on finishing the work.
Environmental protection	: Product is biodegradable. In case of spills blockage of sewer system may occur.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid at storage temperature (approx. 60°C). Solid at room temperature.
Colour	: Off white, yellow
Odour	: Fatty odour
Relative density (20°C)	: 860 - 890 kg/m ³
Solubility in water	: Not soluble
Melting point / range	: 38 - 50°C
Flash point	: > 270°C
Self-ignition point	: > 270°C

10 STABILITY AND REACTIVITY

Stability	: Product is stable at normal handling and storage conditions (see also section 7). Thermal decomposition above 200°C.
Conditions to avoid	: Avoid heat, sparks, open flame, oxidizing conditions.
Materials to avoid	: Avoid oxidizing agents.
Hazardous reactions	: In case of fire (as in all cases of fire) formation of amongst others carbon monoxide (CO) and carbon dioxide (CO ₂) can occur.

11 TOXICOLOGICAL INFORMATION

No toxic effects are known (food grade product).

12 ECOLOGICAL INFORMATION

It is unlikely to present any environmental hazard.

13 DISPOSAL CONSIDERATION

Disposal	: Dispose of (spilled) product in a safe manner, according to National regulations.
----------	---

14 TRANSPORT INFORMATION

General information	: Product has to be transported at temperatures of at least 60°C.
---------------------	---

	MATERIAL SAFETY DATA SHEET	Page 3 of 3 Date: 1 March 2012 Revision: 2
Tallow		

15 REGULATORY INFORMATION

Hazard symbol : Not applicable
R-phrases(s) : Not applicable
S-phrases(s) : P210: Keep away from heat / sparks / open flames / hot surfaces
– no smoking.
REACH Regulation Compliance :

In paragraph 9 of the revised Annex V (Commission Regulation (EC) No 987/2008 of 8 October 2008 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annexes IV and V), the following exemption is included:

9. *The following substances obtained from natural sources, if they are not chemically modified, unless they meet the criteria for classification as dangerous according to Directive 67/548/EEC with the exception of those only classified as flammable [R10], as a skin irritant [R38] or as an eye irritant [R36] or unless they are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII or unless they were identified in accordance with Article 59(1) at least two years previously as substances giving rise to an equivalent level of concern as set out in Article 57(f):*

Vegetable fats, vegetable oils, vegetable waxes; animal fats, animal oils, animal waxes; fatty acids from C6 to C24 and their potassium, sodium, calcium and magnesium salts; glycerol.

This product is in full compliance with the conditions as specified under this clause Annex V, paragraph 9.

In conclusion, this product is suitable for the exemption, as mentioned under Article 2.7 (referring to Annex V, paragraph 9 of Regulation 1907/2006). As such, this product is exempted from (pre)registration under REACH.

16 OTHER INFORMATION

Not applicable.

DISCLAIMER OF LIABILITY: *The information presented in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.*