

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 1 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

##### Trade name /designation of Substance or Mixture

Tradename/Designation Hypona

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Cleaning agent. Floor care product, floorcleaning  
Uses advised against: Not known.

#### 1.3 Details of the supplier of the safety data sheet

Supplier FALA – Werk Chemische Fabrik GmbH  
Street, Number: Stahlstr. 5  
Country/Post Code/Place: D 30916 Isernhagen  
Telephone number: +49 (0) 5 11 9 73 86 -0  
Fax: +49 (0) 5 11 9 73 86 -40  
E-Mail-Address: [info@fala.de](mailto:info@fala.de)  
Department: Development, product safety  
Competent Person, E-Mail: [reach@fala.de](mailto:reach@fala.de)

#### 1.4 Emergency telephone number:

In Case of Emergency For Germany: Giftinformationszentrum-Nord,  
Robert-Koch-Str. 42, 37075 Göttingen  
Tel.: +49 (0) 5 51 1 92 40

### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture:

##### Classification according to Regulation (EG) No. 1272/2008 [CLP]:

Hazard categories:

Eye cat. 1, H318

Full text of H- and EUH-phrases: see section 16.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

##### Hazard pictograms



GHS05

Signal word: danger

Contains: Isotridecanol, ethoxylated

##### Hazard statements:

H318 Causes serious eye damage.

##### Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 2 / 11

Trade name: **Hypona**  
Product No.: **1357 (10 x 1l)**

Supplemental Hazard information (EU): none.

2.3 Other hazards: -

### SECTION 3. Composition/information on ingredients

#### 3.2 Mixtures

Description of the mixture: Mixture of water, other substances and mixtures.

Hazardous ingredients:

Substance name	Concentration Weigh%	Identification	Classification according 1272/2008 (CLP)
Alcohols, C12-C15, branched and linear, ethoxylated, propoxylated	1-5	CAS 120313-48-6	Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Isotridecanol, ethoxylated	1-5	CAS 69011-36-5 Polymer	Eye Dam. 1, H318 Acute Tox. 4, H302
Fatty acids, C8-C18 and C18 unsat., potassium salt	1-5	CAS 67701-09-1	Eye irrit. 2

Full text of H- and EUH-phrases: see section 16.

Inhaltsstoffe (648/2004; DetVO): 5-15% nonionic surfactants, 5-15% soaps, citral, limonene, perfume.

Additional information: -

### SECTION 4. First aid measures

#### 4.1 Description of first aid measures

General informations:

Product is containing surface-active substances.  
Product causes serious eye damage. Remove contaminated clothing immediately.

In case of inhalation:

Move person to fresh air. Seek medical advice if ailment persists. Immediately call a POISON CENTER or doctor/physician.

In case of skin contact:

Wash off with plenty of water.

In case of eye contact:

Rinse cautiously with water for at least 10 to 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice. Show data sheet.

In case of ingestion:

Rinse mouth with clear water. Drink plenty of water. Consult medical doctor immediately and show Safety Data Sheet or label.

Self-protection of the first aider:

Persons who administer first-aid should not endanger themselves and should carry out safe measures only. It is

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 3 / 11

Trade name: **Hypona**  
Product No.: **1357 (10 x 1l)**

---

recommended for the first aider to wear personal protective equipment too.

### 4.2 Most important symptoms and effects, both acute and delayed

Effects, symptoms Causes serious eye damage. See also 2.1.1 Classification.

Risks No further information available

### 4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: No further relevant information available. Provide safety data sheet to the physician.

Special treatment: No further relevant information available.

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## SECTION 5. Firefighting measures

### 5.1 Extinguishing media:

Suitable extinguishing media: Use fire fighting measures that suit the environment. Carbon dioxide, extinguishing powder, water jet or alcohol-resistant foam.

Unsuitable extinguishing media: Full water jet.

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition can lead to release of irritating gases and vapours. Can be released in case of fire: carbon oxides (COx), other organic or inorganic decomposition products, sulfur oxides.

### 5.3 Advice for fire-fighters

See section 8. Wear full protective suit with self-contained breathing apparatus.

### 5.4 Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Endangered containers in the surrounding area should be cooled with a water-hose.

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## SECTION 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment (see 8.) and keep unprotected persons away. Particular danger of slipping on leaked/spilled product. Avoid eye and skin contact. Avoid inhalation. Provide good ventilation.

### 6.2 Environmental precautions

Do not allow to drain off into open waters soil or sewage system. Do not allow product to reach sewage system or water bodies. Dilute with much water. If large amounts are released, the authorities must be

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 4 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

informed.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13.

### 6.4 Reference to other sections

See Section 7, 8 and 13 for information on personal protection equipment.

### 6.5 Additional information:

-

## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Keep containers closed. Read label before use. Comply with technical information, product information on label and/or product information sheet. Use personal protection. See Section 8 for information on personal protection equipment.

#### Advice on general occupational hygiene:

For handling of chemicals (cleaning agents) follow standard precautions for safe handling. Keep away from food, beverages, feed. Do not eat, drink and smoke in work areas; wash hands after use; and to remove contaminated clothing and protective equipment before entering eating areas.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Storage temperature: Standard room temperature. Store under cool, frost free and dry conditions. Store according to local regulations.

#### Requirements for storage rooms and vessels:

Store in tightly closed original drum, canister.

#### Packaging materials:

Store only in original containers (drums, bottles, canisters), upright standing.

#### Hints on storage assembly:

Do not store together with pharmaceuticals, food, feed.

#### Further information on storage conditions:

Storage class (LGK, TRGS510) = 8

### 7.3 Specific end uses:

For further information consult technical informations, product informations.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Substance name	CAS-No.	AGW, ml/m <sup>3</sup>	AGW, mg/m <sup>3</sup>	Source
-				

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 5 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

### DNEL/PNEC-Values

No DNEL- or PNEC-values for the mixture available.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls:

For standard application additional ventilation is not necessary if room is well-ventilated.

#### 8.2.2 Personal protective equipment

##### Advice on general occupational hygiene and protective measures

Observe the customary precautionary measures when handling chemicals (cleaning agents). Keep away from food, beverages and fodder. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. See section 7.

##### 8.2.2.1 Eye / Face protection

Recommended especially for handling and for spillage procedures of the concentrate: Safety glasses.

##### 8.2.2.2 Eye / Face protection

###### Hand protection:

Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

###### Handschuhmaterial

Wear protective gloves according to EN374, for example category III nitrile protective gloves. Observe the manufacturer's instructions concerning permeability and penetration times, as well as the special conditions at the workplace (mechanical stress, contact duration).

###### Body protection:

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing.

###### Other skin protection measures

Recommendation: use of cream for skin protection. See also general occupational hygiene..

##### 8.2.2.3 Respiratory protection

Ensure adequate ventilation, especially if working indoor.

##### 8.2.2.4 Thermal hazards

###### Informations, protective measures

See Section 7. No further measures necessary.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### 9.1.1 Appearance

Physical state: liquid

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 6 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

**Colour:** yellow  
**Odour:** perfumed, citrus

### 9.1.2 Safety relevant basic data

pH-value:	10,5 bei 20°C (konz.); 9,5 (10 g/l Wasser; 1%ig)
Melting point/freezing point :	ca. 0°C (water)
Initial boiling point/boiling range :	ca. 100°C (water)
Flashpoint:	no data available
Evaporation rate	no data available
Flammability (solid, gas):	non-flammable
Upper explosive limits	no data available
Lower explosive limits	no data available
Vapour pressure:	no data available
Vapour density	no data available
Relative density:	1,01 g/cm <sup>3</sup>
Solubility in water	completely miscible
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity:	similar to water
Explosive properties	none
Oxidising properties	none

### 9.2 Other information

-

## SECTION 10. Stability and reactivity

<b>10.1 Reactivity:</b>	Do not heat. Store frost-free. Do not mix with acids or other chemicals, cleaning agents.
<b>10.2 Chemical stability:</b>	Stable. No chemical reactions known for range of application.
<b>10.3 Possibility of hazardous reactions:</b>	Under standard conditions no decomposition known.
<b>10.4 Conditions to avoid</b>	Do not mix with other cleaning products or other liquid products.
<b>10.5 Incompatible materials</b>	No data available. See 10.1
<b>10.6 Hazardous decomposition products</b>	Siehe SECTION 5.3.

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

No toxicological findings, reports available for the mixture.

#### Acute toxicity

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 7 / 11

**Trade name:**  
**Product No.:**

**Hypona**  
**1357 (10 x 1l)**

Substance	Effect dose	Effect concentration	Species	Methode, Exposition
Alcohols, C12-C15, branched and linear, ethoxylated, propoxylated	LD50 (oral) LD50 (dermal) LC50/4 h (inhalativ)	>2000 mg/kg >2000 mg/kg - mg/l	Ra Rat -	- - -
Isotridecanol, ethoxylated	LD50 (oral) LD50 (dermal) LC50/4 h (inhalativ)	>2.000 mg/kg - mg/kg - mg/l	Ra - -	OECD 401 - -

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Skin corrosion/irritation:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Eye damage/irritation:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Sensitisation to the respiratory tract/skin:

Assessment / classification: May cause an allergic skin reaction. Based on available data. No hazard or effect known.

### Germ cell mutagenicity:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Carcinogenicity:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Reproductive toxicity:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Overall assessment on CMR properties:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Specific target organ toxicity (single exposure):

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Specific target organ toxicity (repeated exposure):

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 8 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### Aspiration hazard:

Assessment / classification: Does not meet classification criteria. Based on available data. No hazard or effect known.

### 11.2 Other information:

Assessment / classification of the product was made according regulation (EG) Nr. 1272/2008 (siehe SECTION 2).

## SECTION 12: Ecological information

**12.1 Toxicity:** Mixture /product is not an environmental hazard acc. to (EG) 1272/2008.

Substance	Effect dose/ -concentration	Test duration	Species	Method, Remarks
Alcohols, C12-C15, branched and linear, ethoxylated, propoxylated	LC50= 0,1-1 mg/l	96 h	Fish	OECD 203
Isotridecanol, ethoxylated	LC50=10-100 mg/l	96 h	Fish	-

### 12.2 Persistence and degradability

#### Biodegradation:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

n. D. a.

Substance	Octanol/water- partition coefficient (log Kow)/	Bioconcentrationsfactor (BCF)	Assessment	Remarks
-	-			

### Assessment / Classification:

Mixture /product is not harmful to aquatic organisms. Classification is based on calculation methods.

### 12.4 Mobility in soil

#### Assessment / Classification for mobility:

no data available

Product is completely miscible with water.

### 12.5 Results of PBT and vPvB assessment



# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 9 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Other adverse effects:

no data available

### 12.7 Additional ecotoxicological information

no data available

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

#### Waste codes / waste designations according to EWC / AVV

European Waste Catalog: 200129. The concentrated product must be handed over to an approved waste disposal company.

#### Product / Packaging disposal

Remove residues from the packaging and then rinse with water. The packaging can be reused, recycled.

## SECTION 14. Transport information

According to classification product is not a dangerous good.

	Landtransport (ADR/RID)	Binnenschiffs- Transport (ADN)	Sea transport (IMDG/IMO)	Air transport (ICAO-TI/IATA)
14.1 UN-No.	-	-	-	-
14.2 UN Proper shipping name	-	-	-	-
14.3 Transport hazard class	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	-	-	-	-

### 14.6 Special precautions for user

Not known.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. Regulatory information

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

#### EU- regulations

##### Regulation (EG) Nr. 648/2004 (Regulation on Detergents):

Mixture meet the standards of regulation (EG) Nr. 648/2004.

Information about ingredients see SECTION 3.

##### Regulation (EG) No. 1907/2006: Annex XIV, REACH Art. 57

SVHC-Substances (Substance of very high concern) have been not used.

##### Registrations according title VII of Regulation (EG) Nr. 1907/2006:

none

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 10 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

### National Regulations (Germany):

#### **Water hazard class (WGK)**

WGK 2, acc. VwVwS, Annex 4 (self assessment)

#### **Employment restrictions:**

Employment restrictions concerning young persons must be observed.

#### **Störfall-Verordnung (12. BImSchV):**

not applicable

#### **Technical Instruction (air):**

not applicable

#### **Other regulatory information:**

-

The surfactants contained in this preparation comply with REGULATION (EC) No 648/2004 on detergents and fulfill the requirements of biodegradability of surfactants in detergents. Certificates for this behavior are kept for the responsible administrations of the member states and will be provided only on demand of these states directly or on demand of a manufacturer of detergents.

### **15.2 Chemical Safety Assessment:**

For this mixture a chemical safety assessment has not been carried out.

## **SECTION 16. Other information**

### **16.1 Indication of changes**

Last version /last revision date: - /- (EN)

### **16.2 Abbreviations and acronyms:**

ADR	Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße
AGW	Arbeitsplatzgrenzwert
AOX	adsorbable organic halogen compounds
BImSchV	Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes
CAS	Chemical Abstracts Service
CLP	Verordnung über die Einstufungsm Kennzeichnung und Verpackung
DIN	Norm des Deutschen Instituts für Normung
DLNE	Abgeleiteter Nicht-Effekt-Wert
EC	Effektive Konzentration
EG	Europäische Gemeinschaft
EN	Europäische Norm
IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IBC-Code	Internationaler Code für den Bau und die Ausrüstung von Schiffen zur Beförderung gefährlicher Chemikalien als Massengut
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG-Code	International Maritime Code for Dangerous Goods
ISO	Norm der International Standards Organization
IUCLID	International Uniform Chemical Information Database
LC	Letale Konzentration
LD	Letale Dosis
log Kow	Verteilungskoeffizient zwischen Oktanol und Wasser
MARPOL	Maritime Pollution Convention = Übereinkommen zur Verhütung der Meeresverschmutzung durch Schiffe
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, bioakkumulative, toxic
PNEC	Abgeschätzte Nicht-Effekt Konzentration
REACH	Verordnung über die Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe
RID	Ordnung für die internationale Eisenbahnbeförderung gefährlicher Güter
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations (Vereinte Nationen)
VOC	Volatile Organic Compounds (flüchtige organische Verbindungen)
vPvB	very persistent and very bioaccumulative

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006



Print date: 09.08.2018

Revision date: 09.08.2018 (Version 1.0 / EN)

Page: 11 / 11

**Trade name:** Hypona  
**Product No.:** 1357 (10 x 1l)

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VwVwS	Verwaltungsvorschrift wassergefährdender Stoffe
WGK	Water hazard class
n. a.	not applicable
n. D. a.	no data available

### 16.3 Key literature references and sources for data

Zubereitungsrichtlinie (1999/45/EG), zuletzt geändert durch die Verordnung (EG) Nr. 1907/2006.  
Stoffrichtlinie (67/548/EWG), zuletzt geändert durch die Richtlinie 2009/2/EG.  
REACH-Verordnung (EG) Nr. 1907/2006, zuletzt geändert durch Verordnung (EU) Nr. 474/2014.  
CLP-Verordnung (EG) Nr. 1272/2008, zuletzt geändert durch die Verordnung (EU) Nr. 605/2014.

### Internet

<http://www.baua.de>  
<http://publikationen.dguv.de>  
<http://gestis.itrust.de>  
<http://logkow.cisti.nrc.ca>  
<http://www.gischem.de>  
<http://echa.europa.eu/en/candidate-list-table>

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

Physical hazards: Evaluation of testing results (pH-value), Calculation methods  
Health- and environmental hazards: Calculation methods

### 16.5 Relevant H- and EUH-phrases (number and full text):

#### Full text of H-Statements used in sections 2 and 3

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life  
H412 Harmful to aquatic life with long lasting effects

### 16.6 Training advice:

None

### 16.7 Further information:

All the details above conform with our present-day knowledge. They do not represent a product property in the sense of a technical specification.