

## Material Safety Data Sheet (ANSI Z400.1-2004)

Product: clean & green Intensive cleaner active

### 01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product trade name** Intensive cleaner active  
**Material number** 407 717  
**Chemical family** Mixture of non-ionic surfactants and additives in water  
**Product use** All purpose cleaning agent  
**Manufacturer's name** Hamberger Flooring GmbH & Co. KG  
Rohrdorfer Str. 133  
D-83071 Stephanskirchen/Ziegelberg  
10 03 53  
**Phone** +49 8031 700 0  
**Fax** +49 8031 700 199  
**Email:** info@haro.de  
**Emergency telephone number:** Chemtrec: +1-800-424-9300

### 02 HAZARDS IDENTIFICATION

**Potential health effects** Route(s) of entry: Skin and eye contact and ingestion.  
**Human effects and symptoms of overexposure** May cause some slight eye irritation due to surfactant content. Warning labels not required.  
**Carcinogenicity** NTP:No IARC:No OSHA:No  
**OSHA Classification** This material is not considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200)

**HMIS rating:** Health: 1 Flammability: 0 Reactivity: 0  
**NFPA rating:** Health: 1 Flammability: 0 Reactivity: 0  
**WHMIS Classification** Non-controlled.

### 03 COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous components** See also: Section 2 Hazards Identification

Component	CAS#	% by wt.
Propan-2-ol (isopropanol)	67-63-0	5 - 10
i-C13-Alkylpolyglycoether 5-12 EO	69011-36-5	1 - 5
Alkylpolyglycoside	68515-73-1	1 - 5

### 04 FIRST AID MEASURES

**Skin** No special first aid measures are necessary. Wash skin with plenty of water.  
**Eyes** Wash eyes immediately with large amounts of water for several

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#### 04 FIRST AID MEASURES

	minutes, especially under the eyelids. Consult an eye specialist if irritation occurs.
<b>Ingestion</b>	If person is conscious, rinse mouth thoroughly with water and drink water afterwards. Do not induce vomiting. Seek medical attention if necessary.
<b>Inhalation</b>	Inhalation does not present any risk.
<b>Advice to physician</b>	Show this MSDS to the treating physician

#### 05 FIRE AND EXPLOSION DATA

<b>Flash point</b>	>100 °C
<b>Extinguishing media</b>	All extinguishing agents are acceptable.
<b>Hazardous combustion products</b>	Possibility of toxic fumes under fire conditions
<b>Special fire-fighting procedures</b>	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

#### 06 ACCIDENTAL RELEASE MEASURES

<b>Spill and leak procedures</b>	No special protective equipment is required. Absorb and clean spills with absorbent material (e.g. rags or tissue cotton). Afterwards, clean the rest away with water.
<b>Personal precautions</b>	Spilled material forms slippery surface.
<b>Pollution control measures</b>	Do not put any of the spilled product back into the original container for reuse. Do not release into surface waters.

#### 07 HANDLING AND STORAGE

<b>Handling</b>	No special measures required when used appropriately.
<b>Storage</b>	No special measures required when used appropriately. Store in original container at room temperature. Keep container tightly sealed. Never put unused product back into its storage container.

#### 08 EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE LIMITS:

Component	CAS#	Exposure limits
Propan-2-ol	67-63-0	200 ppm* TWA ACGIH

\* When used as directed the exposure is far below these limits.

<b>Skin protection</b>	No special protection measures are required.
<b>Eye protection</b>	Not required.
<b>Respiratory protection</b>	No special measures required.
<b>General Protection and Hygiene</b>	The usual preventative measures should be observed when

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**measures** handling. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work.

#### 09 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	fluid	<b>Physical form</b>	Liquid
<b>Color</b>	Light blue	<b>Odor</b>	pleasant
<b>Flash point</b>	>100 °C		
<b>Melting point</b>	< -8°C		
<b>Boiling point</b>	>98°C		
<b>Explosion hazard</b>	no risk of explosion – this product does not support combustion		
<b>Solubility in water (20 °C)</b>	Completely miscible		
<b>pH value</b>	9 K-QP1012C		
<b>Density (20 °C)</b>	1.02 g/cm <sup>3</sup> K-QP1012E		
<b>Decomposition temperature</b>	>250°C		

#### 10 STABILITY AND REACTIVITY

<b>Chemical stability</b>	No decomposition occurs when stored and handled as intended.
<b>Hazardous decomposition products</b>	None when used as directed
<b>Dangerous reactions</b>	None when used as directed
<b>Incompatibilities</b>	Do no mix with other cleaners or chemicals. Do not store above 35°C for long periods of time.

#### 11 TOXICOLOGICAL INFORMATION

<b>General remarks</b>	No harmful health effects are known or expected when handled as directed.
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#### 12 ECOLOGICAL INFORMATION

<b>Persistence and degradation</b>	Contains no chemical substances known to be harmful to the environment or which cannot be broken down in wastewater treatment plants. The surfactant components comply with the requirements of the Detergent regulations.
<b>Chemical oxygen demand (COD)</b>	380 mg O <sub>2</sub> /g

#### 13 DISPOSAL CONSIDERATIONS

<b>Product disposal</b>	Thoroughly empty containers. Do not pour residual quantities in large quantities down the drain.  Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.
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### 14 TRANSPORT INFORMATION

**TDG / DOT shipping name** Not regulated as dangerous goods as per transport regulations.

### 15 REGULATORY INFORMATION

**Note:** Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

**USA TSCA status** All of the components are on the TSCA Inventory.

**Canadian DSL status** All of the components are listed on the DSL Inventory.

**SARA Title III** To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

### 16 OTHER INFORMATION

**Further information** Other intended uses should be discussed with the manufacturer.

**HAZCOM / WHMIS Label** Not controlled. No label required.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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