SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name
Sunett® NXT

REACH Registration Number
01-2119970642-34-0000

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

Identified uses
Cosmetics, Personal care, Industrial application

Uses advised against
None known

1.3. Details of the supplier of the safety data sheet

Celanese Production Germany GmbH & Co. KG
Am Unisys-Park 1
65843 Sulzbach (Taunus)
Germany

Celanese Sales Germany GmbH
Am Unisys-Park 1
65843 Sulzbach (Taunus)
Germany

SDS Contact (email of responsible person)
HazCom@celanese.com

1.4. Emergency telephone number
CHEMTREC: +1 703 527 3887 (Collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC (CLP)
Not a hazardous substance or preparation according to Regulation 1272/2008 (CLP)

2.2. Label elements

Not required

2.3 Other Hazards
None
SECTION 3: Composition/information on ingredients

3.1. Substances  
Details provided in the tables below  

3.2. Mixtures  
not applicable  

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No</th>
<th>EC-No.</th>
<th>Identification Number</th>
<th>Percent %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acesulfame K</td>
<td>55589-62-3</td>
<td>259-715-3</td>
<td>none</td>
<td>100</td>
</tr>
</tbody>
</table>

Components 1272/2008/EC (CLP) Hazard Statements

Acesulfame K  
Not a dangerous substance according to GHS  

Remarks  
For the full text of the H-statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures  

**Inhalation**  
Move to fresh air. Get medical attention immediately if symptoms occur.

**Skin**  
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Eyes**  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

**Ingestion**  
Do NOT induce vomiting. Get medical attention if symptoms occur.

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

**Main symptoms**  
None known

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

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media  

**Suitable extinguishing media**  
Water, Foam, Dry chemical, Carbon dioxide (CO2)

**Extinguishing media which must not be used for safety reasons**  
Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture  

Under conditions giving incomplete combustion, hazardous gases produced may consist of  
Carbon monoxide  
Carbon dioxide (CO2)  
Nitrogen oxides (NOx)  
Sulfur oxides (SOx)  
POTENTIAL DUST EXPLOSION HAZARD
5.3. Advice for firefighters

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective suit.

Environmental precautions
Dike and collect water used to fight fire..

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use adequate ventilation. Keep away from heat and sources of ignition.

6.2. Environmental precautions
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up
Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13). Use mechanical handling equipment.

6.4. Reference to other sections
Consult trained personnel. Consider the information for "Personal Protection" in chapter 8 of this Safety Data Sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures
When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice Wash hands before breaks and at the end of workday.

Advice on safe handling
Avoid contact with skin, eyes and clothing. Do not breathe vapours/dust. Provide sufficient air exchange and/or exhaust in work rooms.

Incompatible products
oxidizing agents

Protection - fire and explosion:
Take measures to prevent the build up of electrostatic charge. Avoid dust formation. Keep away from heat and sources of ignition. Potential dust explosion hazard.

Reduce the release of the substance or mixture to the environment
See Section 8: Environmental exposure controls

Temperature class
T3

Dust Explosion Group
ST1

7.2. Conditions for safe storage, including any incompatibilities

Material storage
Keep in a dry, cool place. Keep away from direct sunlight.
Incompatible products
oxidizing agents

Technical measures/Storage conditions
Keep tightly closed in a dry and cool place.

German storage class
11: Combustible solids

7.3. Specific end use(s)
None known

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EC Exposure Limit Values
No exposure limits established.

DNELs

Acute - Systemic Effect
- Worker (oral): not required
- Worker (dermal): not required
- Worker (inhalation): not required
- General Population (oral): not required
- General Population (dermal): not required
- General Population (inhalation): not required

Acute - Local Effect
- Worker (oral): not required
- Worker (dermal): not required
- Worker (inhalation): not required
- General Population (oral): not required
- General Population (dermal): not required
- General Population (inhalation): not required

Long-term - Systemic Effects
- Worker (oral): not required
- Worker (dermal): 514.29 mg/kg bw/d
- Worker (inhalation): 450 mg/m³
- General Population (oral): 64.29 mg/kg bw/d
- General Population (dermal): not required
- General Population (inhalation): not required

Long-term - Local Effects
- Worker (oral): not required
- Worker (dermal): not required
- Worker (inhalation): not required
- General Population (oral): not required
- General Population (dermal): not required
- General Population (inhalation): not required

PNECs
- Environment (water): 2.2 mg/l
- Environment (air): not required
8.2. Exposure controls

Engineering measures
General: May not be adequate as the sole means to control employee exposure.
Local Exhaust: Recommended when appropriate to control employee exposure to

dust or process vapors. Explosion-proof equipment (for example fans, switches,
and grounded ducts) should be used in mechanical ventilation systems.

Personal protective equipment

General advice
Avoid contact with skin and eyes. Do not breathe dust.

Hygiene measures
When using, do not eat, drink or smoke. Handle in accordance with good industrial
hygiene and safety practice Wash hands before breaks and at the end of workday.

Respiratory protection
No personal respiratory protective equipment normally required.

Eye protection
Safety glasses.

Skin protection
protective suit

Hand protection
Protective gloves

Suitable material
Type
Nitrile rubber
Tricotril (Company KCL) or comparable article;
or refer to glove manufacturer's recommendation

Evaluation
according to EN 374: level 6

Material thickness
Approx. 1.5 mm

Break through time
480 min

Suitable material
Type
Butyl-rubber
Butoject (Company KCL) or comparable article;
or refer to glove manufacturer's recommendation

Evaluation
according to EN 374: level 6

Material thickness
approx. 0.7 mm

Break through time
480 min

Environmental exposure controls
Do not discharge into the drains/surface waters/groundwater

Environmental Precautions
Should not be released into the environment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Form
crystalline, powder
Color
white
Odor
odorless

Molecular Weight
Not Determined
SECTION 9: Physical and chemical properties

Flash point Not applicable
Autoignition Temperature > 210 °C
Ignition temperature No data available
Decomposition Temperature Not determined
Lower explosion limit Not determined
Upper explosion limit Not determined
Density Not determined
Bulk density 1100-1300 kg/m³ @20 °C
pH 6.5-7.5 @ 20°C
Vapor pressure Not determined
Evaporation Rate Not determined
Water solubility 270 g/l @ 20°C

9.2. Other information
The product was not tested for properties not listed on the SDS.

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable.

10.2. Chemical Stability
Thermal decomposition can take place above 210°C.

10.3. Possibility of hazardous reactions
None reasonably foreseeable.

10.4. Conditions to avoid
No dangerous reaction known under conditions of normal use.

10.5. Incompatible Materials
oxidizing agents

10.6. Hazardous decomposition products
Thermal decomposition can take place above 210 °C., Sulfur oxides, nitrogen oxides (NOx)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acesulfame K
Acute oral toxicity LD50: 5438 mg/kg
Species rat
Method Similar to OECD 401
Acute dermal toxicity LD50: > 2000 mg/kg
Species rat
Method OECD 402
Skin corrosion/irritation No skin irritation
Species rabbit
Method OECD 404
Serious eye damage/eye irritation No eye irritation
Safety data sheet according to regulation (EC) Nr. 1907/2006

| Product Name | Sunett® NXT | MSDS number | 81006 | Revision Date | May.30.2018 | Revision Number | 4.01 | Issuing date | May.30.2018 |

### SECTION 12: Ecological information

**Acesulfame K**

**Acute fish toxicity**
- Species: Brachidanio rerio (zebra fish)
- Method: OECD 203
- LC50: 1800 - 2500 mg/l (96h)

**Acute daphnia toxicity**
- Species: Daphnia magna
- Method: OECD 202
- EC50: > 1000 mg/l (24h)

**Toxicity to aquatic plants**
- Species: Scenedesmus subspicatus
- Method: OECD 201
- EC50: > 100 mg/l (72h)

**Toxicity to bacteria**
- Species: Anaerobic bacteria
- Method: Fermentation tube test
- EC0: > 2500 mg/l

**Biodegradation**
- Species: activated sludge
- Method: OECD 302 B (Zahn-Wellens Test)
- Not readily biodegradable

**Other potential hazards**
- The substance does not meet the criteria for PBT / vPvB according to REACH, Annex XIII

### SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.

Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

SECTION 14: Transport information

ADR/RID
Not regulated

ADN
ADN: Container and Tanker
Not regulated

ICAO/IATA
Not regulated

IMDG
Not regulated

SECTION 15: Regulatory information

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

Water Hazard Class (WGK):
WGK Class 1
WGK Source Classification according to VwVwS, Annex 3

International Inventories
Listed on the chemical inventories of the following countries or qualifies for an exemption:
Australia (AICS)
Canada (DSL)
China (IECSC)
Europe (EINECS)
Mexico (INSQ)
New Zealand (NZIoC)

15.2 Chemical Safety Assessment
Chemical Safety Assessment (CSA) is not required

Authorization - Reach Regulation, Title VII
This substance is not subject to authorization requirements

Restrictions - Reach Regulation, Titel VIII
This substance is not subject to restriction requirements

SECTION 16: Other information

For further information, see:
For more information, other material safety data sheets or technical data sheets please consult the Celanese homepage (www.celanese.com).
Safety data sheet
according to regulation (EC) Nr. 1907/2006

Other Information:
• Observe national and local legal requirements

Changes against the previous version are marked by ***

Training advice
Make sure that employees are aware of the hazards / risks as detailed on this Safety Data Sheet.

Sources of key data used to compile the datasheet
Information contained in this safety data sheet is based on Celanese owned data and public sources deemed valid or acceptable. .. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available..

Further information
This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality.

Abbreviation and Acronym:
ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS = Chemical Abstracts Service (division of the American Chemical Society)
CLP = Classification, Labelling and Packaging
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
ICAO = International Civil Aviation Organization
IMDG = International Maritime Code for Dangerous Goods
LC50 = Lethal Concentration
LD50 = Lethal Dose
LOAEC = Low Observed Adverse Effect Concentration
LOAEL = Low Observed Adverse Effect Level
LOEL = Low Observed Effect Level
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOEL = No Observed Effect Level
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RCR = Risk Characterization Ratio
RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
STOT RE = Specific Target Organ Toxicity Repeated Exposure
STOT SE = Specific Target Organ Toxicity Single Exposure
STP = Sewage Treatment Plant
vPvB = very Persistent and very Bioaccumulative

Annex: Exposure Scenario(s)
See section 8: DNELs and PNECs
Development of Exposure Scenario is not required
# Safety data sheet

according to regulation (EC) Nr. 1907/2006

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Sunett® NXT</th>
<th>MSDS number</th>
<th>81006</th>
<th>Revision Date</th>
<th>May.30.2018</th>
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EU/EN