1 Identification

- **Product identifier**
  - **Trade name:** Oxy-Dry Anti-Offset Powder, Type Oxy-26
  - **CAS Number:** 9005-25-8
  - **EC number:** 232-679-6
  - **Product description** Carbohydrate

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Baldwin Americas Corporation
    14600 W. 106th Street
    Lenexa, KS 66215 USA
    1-800-654-4999 (U.S. Customers)
    1-933-888-9800 (All others)
    www.Baldwintech.com
    email: baldwintech.com

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - May cause respiratory irritation.

- **Label elements**
  - **GHS label elements**
    The substance is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**
    GHS07

- **Signal word** Warning
- **Hazard statements**
  - May cause respiratory irritation.
- **Precautionary statements**
  - Avoid breathing dust/fume/gas/mist/vapors/spray.
  - Use only outdoors or in a well-ventilated area.
  - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  - Call a POISON CENTER/doctor if you feel unwell.
  - Store locked up.
  - Store in a well-ventilated place. Keep container tightly closed.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
  - Health = 1
  - Fire = 0
  - Reactivity = 0

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Trade name: Oxy-Dry Anti-Offset Powder, Type Oxy-26

3 Composition/information on ingredients

- Chemical characterization: Substances
  - CAS No. Description
    9005-25-8 Starch

4 First-aid measures

- Description of first aid measures
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact: Generally the product does not irritate the skin.
  - After eye contact: Rinse opened eye for several minutes under running water.
  - After swallowing: Give large amounts of water. If symptoms persist consult doctor.

5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Ensure adequate ventilation.

7 Handling and storage

- Precautions for safe handling No special precautions are necessary if used correctly.
- Information about protection against explosions and fires: No special measures required.
- Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles: No special requirements.
    - Information about storage in one common storage facility: Not required.
Trade name: Oxy-Dry Anti-Offset Powder, Type Oxy-26

- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
  - **Components with occupational exposure limits:**
    | Component | PEL Long-term value: 15* 5** mg/m³ |
    |------------|----------------------------------|
    |            | *total dust **respirable fraction |
    | REL Long-term value: 10* 5** mg/m³ |
    |            | *total dust **respirable fraction |
    | TLV Long-term value: 10 mg/m³       |

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
  - **Personal protective equipment:**
    - **General protective and hygienic measures:**
      - Immediately remove all soiled and contaminated clothing.
      - Wash hands before breaks and at the end of work.
    - **Breathing equipment:**
      - If the exposure limit is exceeded, a particulate filter respirator (NIOSH type N95) may be worn.
    - **Protection of hands:**
      - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
      - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
      - Select glove material based on penetration times, rates of diffusion and degradation.
  - **Material of gloves**
    - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
  - **Penetration time of glove material**
    - The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - Form: Powder
      - Color: White
    - **Odor:** Starch odor
    - **Odor threshold:** Not determined.
    - **pH-value:** Not applicable.
  - **Change in condition**
    - **Melting point/Melting range:** Not determined.
    - **Boiling point/Boiling range:** Not determined.
    - **Flash point:** Not applicable.
Trade name: Oxy-Dry Anti-Offset Powder, Type Oxy-26

- **Flammability (solid, gaseous):** Product is not flammable.
- **Ignition temperature:** 390 °C (734 °F)
- **Danger of explosion:** Product can be considered a nuisance dust which can have an explosive reaction if in high concentrations.
- **Density @ 20 °C (68 °F):** 0.65 g/cm³ (5.424 lbs/gal)
- **Solubility in / Miscibility with Water:** Soluble.
  - **Organic solvents:** 0.0 %
- **Solids content:** 100.0 %
- **Other information**
  - **Fire & Explosion Hazards:** Minimum ignition temperature of dust cloud - approximately 390 °C. Minimum energy to ignite cloud by electrical spark - approximately 0.10 joules.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **Possibility of hazardous reactions** No dangerous reactions known.
  - **Conditions to avoid** No further relevant information available.
  - **Incompatible materials:** No further relevant information available.
  - **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**
    - **Primary irritant effect:**
      - **on the skin:** No irritant effect.
      - **on the eye:** No irritating effect.
    - **Sensitization:** No sensitizing effects known.
  - **Additional toxicological information:**
    - **Carcinogenic categories**
      - **IARC (International Agency for Research on Cancer)**
        - Substance is not listed.
      - **NTP (National Toxicology Program)**
        - Substance is not listed.
      - **OSHA-Ca (Occupational Safety & Health Administration)**
        - Substance is not listed.

### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
  - **Persistence and degradability** No further relevant information available.
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
Trade name: Oxy-Dry Anti-Offset Powder, Type Oxy-26

- **Additional ecological information:**
  - **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
  - **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- **UN-Number**
  - DOT, ADR, ADN, IMDG, IATA: Non-Regulated Material
  - UN proper shipping name: Non-Regulated Material

- **DOT, ADR, ADN, IMDG, IATA**
  - Transport hazard class(es)
    - Class: Non-Regulated Material
    - Packing group: Non-Regulated Material

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - Not applicable.

- **UN "Model Regulation"**
  - -

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Sara**
    - **Section 355 (extremely hazardous substances):** Substance is not listed.
    - **Section 313 (Specific toxic chemical listings):** Substance is not listed.

- **TSCA (Toxic Substances Control Act):**
  - Substance is listed.

- **Proposition 65**
  - **Chemicals known to cause cancer:** Substance is not listed.
  - **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
### Chemicals known to cause reproductive toxicity for males:
- Substance is not listed.

### Chemicals known to cause developmental toxicity:
- Substance is not listed.

### Carcinogenic categories
- **EPA (Environmental Protection Agency)**
  - Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)**
  - 9005-25-8 Starch
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
  - Substance is not listed.

### GHS label elements
- The substance is classified and labeled according to the Globally Harmonized System (GHS).

### Hazard pictograms
- GHS07

### Signal word
- Warning

### Hazard statements
- May cause respiratory irritation.

### Precautionary statements
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- **IF INHALED**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

### National regulations:
- Substance is not listed.

### State Right to Know
- Substance is not listed.

### Chemical safety assessment:
- A Chemical Safety Assessment has not been carried out.

### Date of preparation / last revision
- 06/20/2014 / 9

### Abbreviations and acronyms:
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances

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Trade name: Oxy-Dry Anti-Offset Powder, Type Oxy-26

CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

* Data compared to the previous version altered.

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