

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 1

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

SECTION 1. IDENTIFICATION

Identification of the company:

Clariant Corporation
500 East Morehead Street
Charlotte, NC, 28202
Telephone No.: +1 704 331 7000

Information of the substance/preparation:

Product Stewardship, +1-704-331-7710
e-mail: SDS.NORAM@clariant.com

Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name:

PKT, OXY-GUARD™ 300CC, 2K/Carton

Material number:

302661

Primary product use:

Adsorbent (deoxidizer, etc.)

Chemical family:

Iron based deoxidizing agent

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

This product is considered an "Article" by the US Department of Labor, Occupational Safety & Health Administration (OSHA) under OSHA 29 CFR 1910.1200(c) and is exempt from the requirements of a Safety Data Sheet (SDS) found in the Hazard Communication Standard, 29 CFR 1910.1200(b)(v).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4. FIRST AID MEASURES

General advice : none

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 2

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

- In case of skin contact : Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/ doctor.
- If swallowed : Call your local Poison Control Center (In the U.S. call 1-800-222-1222).
- Most important symptoms and effects, both acute and delayed : There are no acute and delayed symptoms and effects observed.
No information available.
- Notes to physician : Treat symptomatically.
- ANTIDOTE: Pralidoxime (Do not administer in case of carbamate poisoning).

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Foam
Carbon dioxide (CO2)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Iron powder is pyrophoric.

Keep away sources of ignition.
- Hazardous combustion products : No hazardous combustion products are known
- Further information : Fires involving this material should be treated as combustible metal fires.
Wear full protective clothing and self-contained breathing apparatus.
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling.
Vacuum or scoop up material and place in a dry container.

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 3

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

Cover tightly.
Do not use compressed air for cleaning purposes.

Environmental precautions : Do not allow contact with soil, surface or ground water.
Prevent product from entering drains.

Methods and materials for containment and cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Store in a cool, dry location away from oxidizing agents. Keep containers tightly closed when not in use. Store away from low flashpoint materials.
Keep away from heat.
Keep away from flames and sparks.

Conditions for safe storage : Keep tightly closed in a dry and cool place.

Further information on storage conditions : Keep in a dry place.

Materials to avoid : No materials to be especially mentioned.

Further information on storage stability : Stable under recommended storage conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures : Use ventilation adequate to keep exposures below recommended exposure limits. See the safety datasheet.

Personal protective equipment

Respiratory protection : Use local exhaust if dusting occurs. Good general ventilation is adequate in the absence of dusts.

Hand protection
Remarks : Impervious rubber such as neoprene, nitrile, natural rubber, butyl rubber, PVC, or teflon.

Eye protection : Follow facility guidelines in the absence of dusts.
Safety glasses or chemical splash goggles.

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.
Thoroughly wash clothing before reuse.

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 4

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

Hygiene measures : Wash off with warm water and soap.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Colour	: not specified
Odour	: none
Odour Threshold	: not determined
pH	: not available
Melting point	: not determined
Boiling point	: not determined
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: not determined
Self-ignition	: not available
Burning number	: not determined
Upper explosion limit / upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Relative density	: not tested.
Density	: not determined
Bulk density	: no data available
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: not tested.

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 5

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

Partition coefficient: n-octanol/water	:	not determined
Auto-ignition temperature	:	not determined
Decomposition temperature	:	not tested.
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Flow time	:	Not applicable
Explosive properties	:	no data available
Oxidizing properties	:	not tested.
Sublimation point	:	not determined
Minimum ignition energy	:	not tested.
Particle size	:	not tested.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	:	Exposure to moisture
Incompatible materials	:	no data available
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

None known.

Acute toxicity

Product:

Acute oral toxicity	:	(Rat): > 5,000 mg/kg Method: OECD Test Guideline 401 Remarks: The product has not been tested. The information
---------------------	---	--

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 6

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

is derived from the properties of the individual components.

Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : (Rat): > 64.4 mg/l
Exposure time: 1 h
Method: OECD Test Guideline 403
Remarks: The product has not been tested. The information is derived from the properties of the individual components.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation

Product:

Remarks : not tested.

Serious eye damage/eye irritation

Product:

Remarks : not tested.

Respiratory or skin sensitisation

Product:

Remarks : not tested.

Carcinogenicity

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Experience with human exposure

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information

Product:

Remarks : No data is available on the product itself.
Handle in accordance with good industrial hygiene and safety practice.

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 7

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : Remarks: no data available

Persistence and degradability

Product:

Biodegradability : Remarks: not tested.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: no data available

Mobility in soil

Product:

Distribution among environmental compartments : Remarks: no data available

Other adverse effects

no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

Waste from residues : This product, if discarded as sold, is not a Federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 8

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

The components of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

SECTION 16. OTHER INFORMATION

Further information

SAFETY DATA SHEET

PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 9

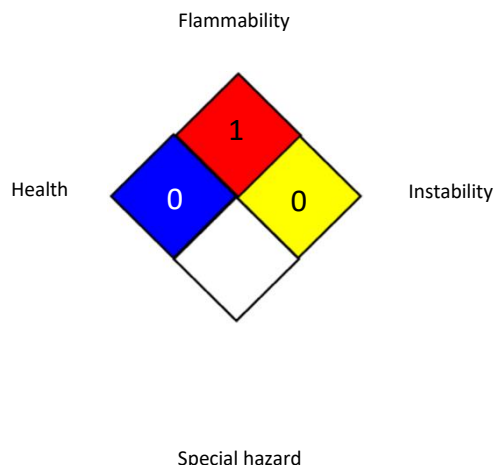
Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

NFPA 704:



Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United

SAFETY DATA SHEET



PKT, OXY-GUARD™ 300CC, 2K/Carton

Page 10

Substance key: SCIN00032013

Revision Date: 02/14/2024

Version : 2 - 3 / USA

Date of printing :02/21/2024

Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;
vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 02/14/2024

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

US / EN