

WESTLAKE VINNOLIT GMBH & CO KG (GROUP)

Ismaning - Germany | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in

EVID: IJ622606



Publication date: 13 Feb 2024

Valid until: 13 Feb 2025

Sustainability performance

Insufficient

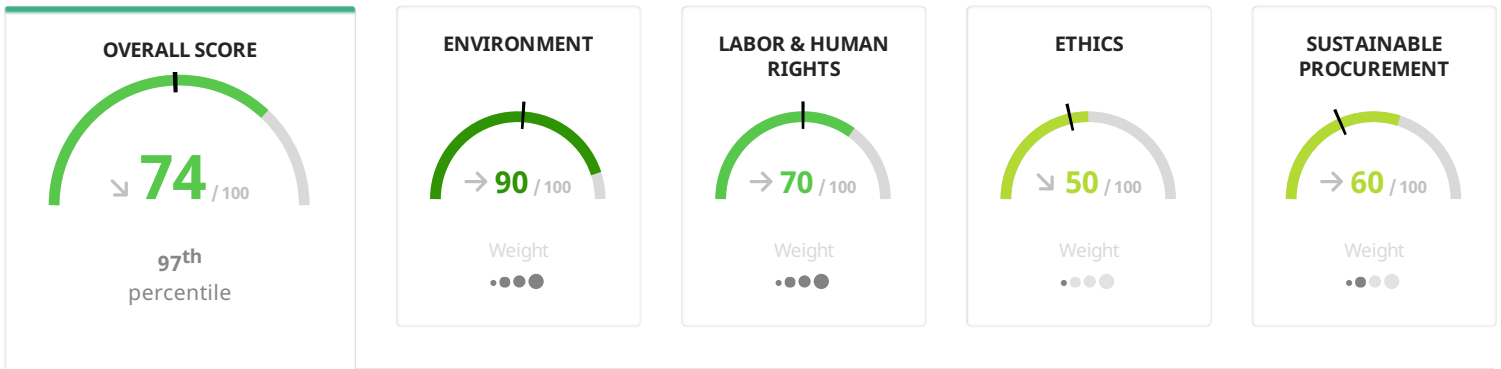
Partial

Good

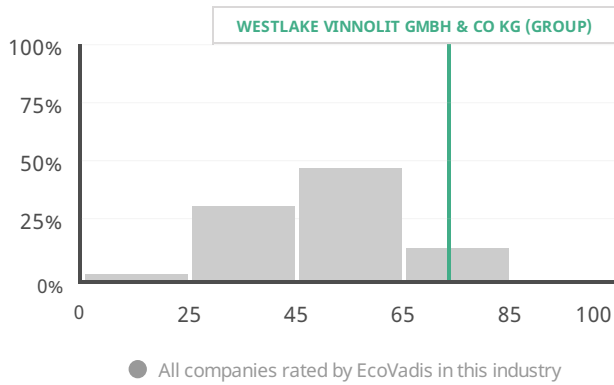
Advanced

Outstanding

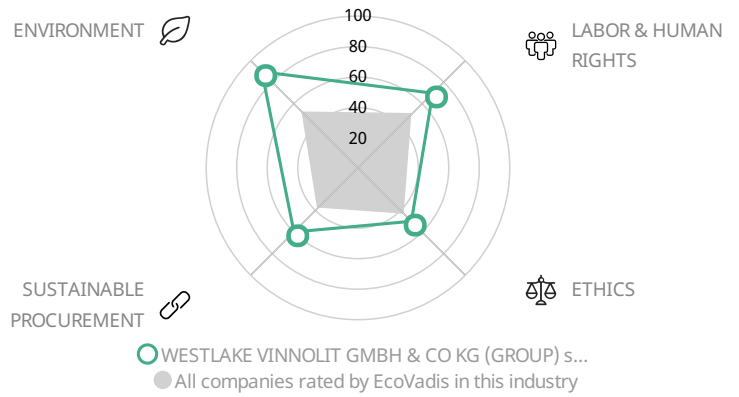
Average score



Overall score distribution



Theme score comparison



Strengths and Improvement Areas



Environment

Weight ●●●●

Strengths

Policies

Strengths

Endorsement of the Operation Clean Sweep (OCS) initiative

Environmental policy on air pollution

Quantitative objectives set on water

Quantitative objectives set on energy consumption & GHGs

Environmental policy on materials, chemicals & waste

Environmental policy on water

Environmental policy on energy consumption & GHGs

Comprehensive policy on a majority of environmental issues

Endorsement of external initiative on environmental issues

Endorsement of the Responsible Care Global Charter

Actions

Strengths

Use of recovered input materials

Environmental emergency measures in place

Reduction of material consumption through process optimization

Internal sorting & disposal of waste according to waste streams

Reduction of internal wastes through material reuse, recovery or repurpose

Regular noise measuring campaign (site boundary noise measurements undertaken)

Work processes or technologies implemented to mitigate emissions of VOC, SO₂, NO_x or heavy metals

Actions to prevent emissions of atmospheric pollutants and other environmental nuisances (e.g. noise, odor, vibration, road and light)

Adoption of cooling systems with reduced or recycled water consumption

Control measures to prevent contamination of groundwater

Wastewater quality assessment

On-site or off-site wastewater treatment facilities

Training of employees on energy conservation/climate actions

Purchase and/or generation of renewable energy
Work processes or technologies implemented to mitigate noise
Improvement of energy efficiency through technology or equipment upgrades
Provision of Safety Data Sheets (SDS)
Technologies or practices to recycle or reuse water
Energy and/or carbon audit
Registration of substances to the ECHA
Formalized process in place to assess and document risks related to customer health and safety
Internal chemical classification and labeling system with reference to Global Harmonized System (GHS) and/or references to regional classifications
Formalized process in place to assess and document environmental risks
Employee awareness or training program on transportation of hazardous materials
ISO 14001 certified
Employee awareness training on water conservation
Periodical analysis on the volumes of major air pollutants or ambient air quality monitoring (testing levels of PM, NOx, SO2, VOC or heavy metals)
Training employees to safely handle and manage hazardous substances
REACH Pre-Registration performed
Provision of safety data sheets (SDS) adapted for the REACH regulation
Closed-loop water cooling system in place
Work processes or technologies implemented to mitigate emissions of dust and/or particulate matter
Measures to reduce pollutants discharged to water
EMAS Certified
Measures for handling hazardous substances
ISO 14001 certified on more than 81% of operational sites
Results
Strengths
Total gross Scope 2 reporting value confirmed in supporting documentation
Total gross Scope 1 reporting value confirmed in supporting documentation
Reporting on total gross Scope 2 GHG emissions (market or location based)
Reporting on total gross Scope 1 GHG emissions

Reporting on total gross Scope 3 downstream GHG emissions
Reporting in accordance with SASB
Declares some sites/operations located in or near biodiversity-sensitive areas, but the activities do not negatively affect those areas (not verified)
Reporting on total weight of waste recovered
Reporting on total weight of pollutants emitted to water
Total gross Scope 3 GHG emissions reporting value confirmed in supporting documentation
Reporting on total amount of renewable energy consumed
Reporting on total water consumption
Reporting on total weight of non-hazardous waste
Reporting on total weight of hazardous waste
Reporting on total gross Scope 3 GHG emissions
Materiality analysis in sustainability reporting
Company communicates progress towards the Sustainable Development Goals (SDGs)
Reporting on total energy consumption
Comprehensive reporting on environmental issues

Improvement Areas

Policies	
Priority	Improvement Areas
Medium	Inconclusive documentation for policies on customer health & safety

Results	
Priority	Improvement Areas
Medium	Report does not comply with all the mandatory requirements to be in accordance with GRI Universal Standards, GRI Core option or GRI Comprehensive option
Low	Declares external assurance or verification of sustainability reporting, but no supporting documentation

 **Labor & Human Rights** Weight ●●●●

Strengths

Policies
Strengths
Labor & human rights policy on diversity, equity & inclusion
Labor & human rights policy on child labor, forced labor & human trafficking

Labor & human rights policy on career management & training

Labor & human rights policy on social dialogue

Labor & human rights policy on working conditions

Labor & human rights policy on employee health & safety

Standard policy on a majority of labor or human rights issues

Endorsement of external initiative on labor or human rights issues

Endorsement of the Responsible Care Global Charter

Actions

Strengths

Family Friendly programs (FFPs) implemented (e.g. parental or care leaves, childcare services or allowances)

Actions to prevent discrimination in professional development and promotion processes

ISO 45001 certified on more than 81% of operational sites

ISO 45001 certified

Compensation for extra or atypical working hours

Employee satisfaction survey

Collective bargaining agreement on diversity, discrimination and/or harassment

Collective bargaining agreement on career management & training

Collective bargaining agreement on working conditions

Collective bargaining agreement on employees' health & safety

Grievance mechanism on discrimination and/or harassment issues

Awareness training regarding diversity, discrimination, and/or harassment

Formalized process in place to assess and document risks related to employee health and safety

Employee representatives or employee representative body (e.g. works council)

Internal audits on health & safety issues

Employee health & safety risk assessment

Grievance mechanism on child labor, forced labor and/or human trafficking issues

Regular assessment of individual performance

Regular employee health check-up

Actions to prevent noise exposure

Provision of skills development training

Individual development and career plan for all employees

Training of employees on health and safety risks and best working practices

Results

Strengths

Reporting on the percentage of women at top management level

Reporting on the percentage of women employed in relation to the whole organization

Reporting in accordance with SASB

Reporting on average training hours per employee

Materiality analysis in sustainability reporting

Company communicates progress towards the Sustainable Development Goals (SDGs)

Reporting on accident severity rate

Reporting on accident frequency rate

Improvement Areas

Policies

Priority Improvement Areas

Low

No quantitative target on labor and human rights issues

Low

Inconclusive documentation for policies on health and safety for subcontractors working on the premises

Low

No quantitative target set on living wage

Low

The scope of application of the living wage target is unclear

Actions

Priority Improvement Areas

Low

Declares measures on living wage, but no supporting documentation available

Results

Priority Improvement Areas

High

Insufficient reporting on labor and human rights issues

Medium

The 360° Watch has identified at least one significant controversy, fine or penalty regarding labor and human rights issues in the last five years (see news with red downward arrow in the 360° Watch section).

Medium

The 360° Watch has identified at least one significant adverse report regarding employee health & safety.

Medium

Report does not comply with all the mandatory requirements to be in accordance with GRI Universal Standards, GRI Core option or GRI Comprehensive option

Low

Declares external assurance or verification of sustainability reporting, but no supporting documentation

Low

No information regarding reporting on living wage issues



Ethics

Weight ●●●●

Strengths

Policies

Strengths

Standard policy on a majority of ethics issues

Policy on conflict of interest

Disciplinary sanctions to deal with policy violations

Employee signature acknowledgement of ethics policies

Policy on information security

Policies on corruption

Policy on anticompetitive practices

Dedicated responsibility for ethics issues

Endorsement of external initiative on ethics issues

Actions

Strengths

Whistleblower procedure for stakeholders to report information security concerns

Whistleblower procedure for stakeholders to report anti-competitive practices

Whistleblower procedure for stakeholders to report corruption and bribery

Information security risk assessments performed

Provision of competitor interaction guidelines to key employees

Anti-competitive practices risk assessments performed

Corruption risk assessments performed

Measures to protect third party data from unauthorized access or disclosure

Measures for gaining stakeholder consent regarding the processing, sharing and retention of confidential information

Awareness training performed to prevent corruption

Specific approval procedure for sensitive transactions (e.g. gifts, travel)

Awareness training performed to prevent anticompetitive practices

Results

Strengths

Reporting in accordance with SASB

Materiality analysis in sustainability reporting

Company communicates progress towards the Sustainable Development Goals (SDGs)

Improvement Areas

Policies

Priority

Improvement Areas

Low

Inconclusive documentation for policies on fraud

Actions

Priority

Improvement Areas

High

Supporting documentation demonstrates a low level of coverage of ethics actions throughout the company operations

Low

No conclusive documentation on audits of control procedures to prevent corruption

Low

No conclusive documentation regarding an anti-corruption due diligence program on third parties

Results

Priority

Improvement Areas

High

Insufficient reporting on ethics issues

Medium

Report does not comply with all the mandatory requirements to be in accordance with GRI Universal Standards, GRI Core option or GRI Comprehensive option

Low

Declares external assurance or verification of sustainability reporting, but no supporting documentation



Sustainable Procurement

Weight ●●●●

Strengths

Policies

Strengths

Policy on conflict minerals issues

Comprehensive sustainable procurement policies on both social and environmental factors

Actions

Strengths

Supplier sustainability code of conduct in place

Selected suppliers required to fill Conflict Minerals Reporting Template (CMRT)/other customized conflict mineral-related questionnaire

Investigation or traceability system of the supply chain (smelters, trades, mines) on conflict minerals due diligence (e.g. third party on site audit in place)

Detailed conflict minerals risk analysis (per product or purchasing category) across the supply chain (e.g. manufactures)

Formal assessment of suppliers' progress with regards to REACH requirements	
Sustainable procurement objectives integrated into buyer performance reviews	
Regular supplier assessment (e.g. questionnaire) on environmental or social practices	
Training of buyers on social and environmental issues within the supply chain	
Integration of social or environmental clauses into supplier contracts	
Sustainability risk analysis (i.e. prior to supplier assessments or audits)	
Results	
Strengths	
Reporting on total gross Scope 3 upstream GHG emissions	
Reporting in accordance with SASB	
Materiality analysis in sustainability reporting	
Company communicates progress towards the Sustainable Development Goals (SDGs)	
Improvement Areas	
Policies	
Priority	Improvement Areas
Low	Claims endorsement of specific international or industry sector initiatives on conflict minerals issues, but information could not be verified
Actions	
Priority	Improvement Areas
High	No supporting documentation on the coverage of sustainable procurement actions throughout the company supplier base/operations
Medium	No conclusive documentation on on-site audits of suppliers on environmental or social issues
Low	Declares a percentage of suppliers for which conflict minerals information is available (e.g. CMRT) but no supporting documentation
Results	
Priority	Improvement Areas
High	Insufficient reporting on sustainable procurement issues
Medium	Report does not comply with all the mandatory requirements to be in accordance with GRI Universal Standards, GRI Core option or GRI Comprehensive option
Low	Declares having a due diligence report on conflict minerals, but no supporting documentation available
Low	Declares external assurance or verification of sustainability reporting, but no supporting documentation

360° Watch Findings

25 Jun 2023 | <https://www.process.vogel...>

Impact on Score

Neutral →

valid from 1 Jun 2023 to 1 Jul 2028

Impacted themes



H2 Import Consortium Bavaria: Six companies take the initiative [DE]

Six companies from the energy and chemical industries are developing a roadmap for setting up the value chain for hydrogen imports to Bavaria. The aim is to have hydrogen economically viable, sustainable and available in sufficient quantities from 2030 onwards. An initiative of six energy companies wants to expand the hydrogen supply to Bavarian industry. The activities of Bayernets, Bayernoil, Gas Connect Austria, Wacker Chemie, Westlake Vinnolit and Verbund are geared towards diversifying the hydrogen market.

28 Jun 2022 | <https://www.br.de/nachricht...>

Impact on Score

Negative ↘

valid from 1 Jun 2022 to 1 Jul 2027

Impacted themes



Severity

Minor ● ● ●

Only five injured after chlorine gas leak at Gendorf Chemical Park [DE]

A total of 51 employees received medical treatment during the chlorine gas leak at the Gendorf Chemical Park – five of them were taken to hospitals with respiratory irritations. Originally, the plant fire brigade had reported 51 injured. According to site operator InfraServ, after the chlorine gas leak in the Gendorf Chemical Park (Altötting district), which occurred on Tuesday morning at a Westlake Vinnolit production plant, only five employees were injured instead of the 51 initially reported by the plant fire brigade. The five injured were taken to nearby hospitals with respiratory irritation for further treatment, explained Dominik Gschwendtner from the on-call service of the plant management.

5 Jan 2022 | <http://www1.wdr.de/nachricht...>

Impact on Score

Neutral →

valid from 1 Jan 2022 to 1 Feb 2027

Impacted themes



Chlorine gas leak in the Hürth Knapsack chemical park [DE]

On Wednesday morning, an accident occurred on the premises of the Hürth chemical park in the Knapsack district. Toxic chlorine gas escaped during a malfunction. According to the chemical park, the chlorine gas escaped on the premises of the Vinnolit company

22 Nov 2021 | <https://www.zacks.com/stoc...>

Impact on Score

Neutral →

valid from 1 Nov 2021 to 1 Dec 2026

Impacted themes



Westlake's Vinnolit Launches Low-Carbon GreenVin PVC

Germany-based subsidiary, Vinnolit, recently launched GreenVin Polyvinyl Chloride (PVC), a lower-carbon alternative PVC and one of the most widely utilized plastics in the construction, automotive and medical sectors. The brand is modeled on European high-quality renewable energy certificates (Guarantees of Origin) associated with the production of the lower-carbon PVC and caustic soda.

14 Mar 2021 | <http://www.pnp.de/lokales/...>

Impact on Score

Neutral →

valid from 1 Mar 2021 to 1 Apr 2026

Impacted themes



Severe scalding: work accident at Vinnolit [DE]

An employee of Vinnolit GmbH suffered severe scalding from hot water and steam condensate late Friday afternoon in an accident at work on the premises of the Wacker factory in Burghausen.

26 Feb 2021 | <http://www.process.vogel.d...>

Impact on Score

Neutral →

valid from 1 Feb 2021 to 1 Mar 2026

Impacted themes



"Green" caustic soda with a reduced carbon footprint [DE]

In 2021, Vinnolit will launch a "green" caustic soda. This product should enable customers to reduce their own CO₂ footprint and, in turn, to develop climate-friendly products.

14 Jul 2020 | <https://www.argusmedia.com...>

Impact on Score

Neutral →

valid from 1 Jul 2020 to 1 Aug 2025

Impacted themes



EU fines three ethylene buyers over collusion

The European Commission has fined three companies a total of €260mn for breaching EU antitrust rules by co-ordinating their approach to negotiating the price of ethylene purchases. A fourth company, US-based Westlake, parent of German-based PVC manufacturer Vinnolit, avoided a potential €190mn fine as it blew the whistle on the cartel arrangement. The companies involved represent a significant volume of ethylene purchases across Belgium, France, the Netherlands and Germany.

6 Jun 2020 | <http://www.pnp.de/archiv/1...>

Impact on Score

Neutral →

valid from 1 Jun 2020 to 1 Jul 2025

Impacted themes



Seriously injured shift worker not in mortal danger [DE]

Accident at work in the Gendorf chemical park – a total of three employees in the PVC plant at Vinnolit were injured – the cause has not yet been clarified.

13 Dec 2023 |

Impact on Score

Neutral →

valid from 5 Mar 2024 to 13 Jan 2029

No records found for this company on Compliance Database

Environment Labor & Human Rights Ethics Sustainable Procurement

Specific comments

No records found in third party risk and compliance database.

The company demonstrates an advanced management system on environmental issues.

The company demonstrates an advanced management system on labor & human rights issues.

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