



Getting to Know your Competitor – Searching Licensing and Company- related Information on STNext

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Agenda

- Introduction to CBNB
 - Value-add features
- Case studies
 - Market intelligence
 - Mergers and acquisitions
 - New Technologies
 - Patent litigation/Licensing
- Summary



What is CBNB?

- The Chemical Business NewsBase database (aka CBNB) collects news affecting the chemical industry, including
 - Company information (e.g. Financial and business data, Latest R&D news)
 - Products and production
 - Market information (e.g. Analysis of economic trends)
 - Environmental aspects
 - Legal aspects and regulations
- Produced by Elsevier Engineering Information, Inc.
- CBNB is updated daily
 - 1.97 M records (November 2020)
 - approx. 200 records/day

Sources for CBNB records

- Non-patent literature from about 150 journals and newspapers, including
 - Newspapers
 - Journals
 - Company and stockbroker reports
 - Press releases
 - Trade literature
 - ...
- Main sources: ICIS Chemical Business, Chemical Weekly, Chimie Hebdo, Chemical & Engineering News, Petrochemical news, ...

Sample CBNB record

Bibliographic Information

Title	TI	Henkel targets fully recyclable packaging for its oral care portfolio by 2021.
Source	S0	Chemical Weekly (1 Sep 2020), Volume 66, Number 5, pp. 119, (200-899 words) CODEN: CHWEBQ ISSN: 0045-6500
Country	CY	United States
Document Type	DT	Journal; Article; (Column)
Language	LA	English
Link to original Publication	AV	https://www.chemicalweekly.com/CW_Campaign/Digital%20Issue/Chemical_Weekly_Sep01.pdf ; http://www.chemicalweekly.com
	ED	Entered STN: 29 Sep 2020 Last updated on STN: 29 Sep 2020
Abstract	AB	Henkel announced that it intends to transform its entire oral care tube packaging portfolio to Albea's Greenleaf recyclable HDPE tube. The company is seeking for a full packaging recyclability by 2025. Original Source: Chemical Weekly, http://www.chemicalweekly.com/ , Copyright Sevak Publications & Chemical Weekly Database P Ltd 2020.

Value-added field

Classification codes	CC	MS-16 Plastics and rubber applications; MS-20 Other industries
Geographic terms	GT	1112 Germany
Controlled vocabulary	CT	production process; waste utilization and recycling
Chemical Names	CN	packaging plastics; polyethylene high density products
Registry Numbers	RN	9002-88-4
Standard Industrial Codes (SICs)	SIC	308 Fabricated Plastics Products
Company Names	CO	Albea; Henkel

CBNB Case Study - Market intelligence

=> E 2891/SIC

E1	123390	289/SIC
E2	273	289 MISCELLANEOUS CHEMICAL PRODUCTS/SIC
E3	21526 -->	2891/SIC
E4	5	2891 ADHESIVES AND SEALANTS/SIC
E5	18557	28911/SIC
E6	2	28911 ACYCLIC ACIDS, ANHYDRIDES AND ESTERS/SIC
E7	1	28911 ACYCLIC CHEMICALS/SIC
E8	18609	28911 ADHESIVES AND GLUES/SIC
E9	3	28911 COATINGS/SIC
...		
E19	5241	28912/SIC
E20	2	28912 ADHESIVES AND GLUES/SIC
E21	1	28912 CHEMICAL PRODUCTS NEC/SIC
E22	1	28912 CONCRETE, GYPSUM AND PLASTER PRODUCTS/SIC
E23	5236	28912 SEALANTS AND CAULKING COMPOUNDS/SIC
E24	2	28912 SYNTHETIC RUBBERS/SIC
E25	2300	2892/SIC
E26	2300	2892 EXPLOSIVES/SIC
...		

=> S E8

L1 18609 "28911 ADHESIVES AND GLUES"/SIC



Search for information regarding the impact of COVID-19 on the global adhesives market.

Note: The Standard Industrial Classification (SIC) is a system for classifying industries by an up to five-digit code. SIC codes have a hierarchical, top-down structure that begins with general characteristics and narrows down to the specifics.

28 - Chemicals and Allied Products
289 – Miscellaneous Chemical Products
2891 – Adhesives and Sealants
28911 – Adhesives and Glues

<http://naicscode.org/SICCode/>

CBNB Case Study - Market intelligence (cont.)

=> S COVID19 OR COVID 19 OR CORONAVIRUS OR CORONA VIRUS OR COVID

L2 7429 COVID19 OR COVID 19 OR CORONAVIRUS OR CORONA VIRUS OR COVID

=> S L1 AND L2 AND (MARKET? OR SALES) /CT

246899 MARKET?/CT

365251 SALES/CT

L3 26 L1 AND L2 AND (MARKET? OR SALES) /CT

=> E MARKET/CT

E37	42	LOAN/CT
E38	367	LOSS/CT
E39	228733	--> MARKET/CT
E40	19224	MARKETING/CT
E41	181	MARKETING LICENCE/CT
E42	469	MATERIAL SUPPLY/CT

=> E SALES/CT

E49	105	RESOURCES/CT
E50	2	RULE/C
E51	365251	--> SALES/CT
E52	94299	SALES AGREEMENT/CT
E53	3	SALESAG/CT
E54	347	SHIPMENTS/CT

CBNB Case Study - Market intelligence (cont.)

=> D KWIC

L3 ANSWER X OF 21 CBNB COPYRIGHT 2020 EI on STN.
TI Despite [COVID-19](#) impact: Covestro meets guidance for 1Q 2020.
AB Covestro met its 1Q 2020 guidance for EBITDA, despite the [COVID-19](#) crisis. Core volumes declined by 4.1% year-on-year, primarily due to
CT company results; company structure; investment; [market](#)
SIC 28001 Fine or Speciality Chemicals; 2821 Plastics Materials NEC; 28217 Polyurethane and Epoxy Resins; 2853 Coatings; [28911 Adhesives and Glues](#)

L3 ANSWER X OF 21 CBNB COPYRIGHT 2020 EI on STN.
TI Pressure sensitive adhesives market expected to increase due to [COVID-19](#) pandemic.
AB . . . period. There exists a high demand for PSA from the packaging and medical and healthcare industries owing to the widespread [coronavirus](#) pandemic. Acrylic PSAs are firm and durable as compared to rubber PSAs ...
CT [market](#)
SIC [28911 Adhesives and Glues](#)

L3 ANSWER x OF 21 CBNB COPYRIGHT 2020 EI on STN.
AB . . . driven by consumption in the construction industry. Following a satisfactory performance in Jan-Feb 2020, the industry was impacted by the [coronavirus](#) pandemic in Mar 2020. It is presently not possible to predict the future of Germany's adhesive industry in 2020 on. . . .
CT [market](#)
SIC [28911 Adhesives and Glues](#)

CBNB Case Study - Market intelligence (cont.)

=> **S (BEVACIZUMAB OR BEVACITUZUMAB OR AVASTIN OR AVASTATIN OR ALTUZAN) /CN OR 216974-75-3/RN**

L1 1517 (BEVACIZUMAB OR BEVACITUZUMAB OR AVASTIN OR AVASTATIN OR ALTUZAN) /CN OR 216974-75-3

=> **S L1 AND (MARKET? OR SALES) /CT**

246899 MARKET? /CT

365251 SALES /CT

L2 418 L1 AND (MARKET? OR SALES) /CT

=> **S L2 AND 2019**

67276 2019

L3 39 L2 AND 2019



Search for information on the total revenue of Avastin in 2019.

Note: CBNB offers the possibility to search for a specific compound either by its chemical name or by its unique CAS Registry Number. For comprehensive searching consider using both the /RN and /CN as chemical names are not standardized and CAS Registry Numbers might not be available right from the beginning for a certain substance.

CBNB Case Study - Market intelligence (cont.)

=> D ALL

L3 ANSWER X OF 39 CBNB COPYRIGHT 2020 EI on STN.

TI In pipelines: Pfizer, Sanofi, Karyopharm Therapeutics.

Dans les pipelines: Pfizer, Sanofi, Karyopharm Therapeutics.

S0 Chimie Pharma Hebdo (26 Jun 2020), (200-899 words)

ISSN: 1276-5589

AV <https://www.industriepharma.fr/dans-les-pipelines-pfizer-sanofi-karyopharm-therapeutics>, 111686; <http://www.industrie.com/chimie>

AB Pfizer has introduced Zirabev, a biosimilar of bevacizumab (sold by Roche under the Avastin brand), in the European market. This monoclonal antibody is formulated for treating various major types of cancer, such as metastatic breast cancer and metastatic colorectal cancer. Zirabev will compete with Roche's Avastin, which recorded 2019 sales of \$6.7 bn. ...

CT regulations and rulings; sales

CN anticancer drugs; bevacizumab; biosimilars; dermatologicals;

dupilumab; Dupixent; monoclonal antibodies; selinexor; therapeutic

antibodies; Xpovio; Zirabev

RN 216974-75-3

CBNB Case Study - Mergers and Acquisitions

=> **S DSM/CO**

L1 15424 DSM/CO

Note: The CO field is word and phrase parsed, so searching DSM in the CO field will capture any CO term that includes the word DSM (e.g. Royal DSM etc.).

=> **S L1 AND (E4 OR E15)**

241880 "MERGERS AND ACQUISITIONS"/CT

184690 "JOINT VENTURE"/CT

L2 5337 L1 AND ("MERGERS AND ACQUISITIONS"/C

=> **S L2 AND CHINA/GT**

126418 CHINA/GT

L3 588 L2 AND CHINA/GT



Search for information regarding acquisitions or joint ventures by Royal DSM to strengthen its market position in China.

=> **E MERGERS/CT**

E1 536 MATERIAL USE/CT

E2 130 MERGER/CT

E3 0 --> MERGERS/CT

E4 241664 MERGERS AND ACQUISITIONS/CT

E5 22 MINERALS/CT

=> **E JOINT VENTURE/CT**

E13 1 IP/CT

E14 1 JALES/CT

E15 184363 --> JOINT VENTURE/CT

E16 1 JV/CT

E17 44098 LAWSUIT/CT

CBNB Case Study - Mergers and Acquisitions (cont.)

=> D ALL

L3 ANSWER X OF 588 CBNB COPYRIGHT 2020 EI on STN.

TI DSM forms vitamin E joint venture in China.

S0 Chemical and Engineering News (4 Feb 2019), Volume 97, Number 5, 11, (200-899 words)

CODEN: CENEAR ISSN: 0009-2347

AV Website: <http://www.cen-online.org>

ED Entered STN: 5 Mar 2019

Last updated on STN: 5 Mar 2019

AB DSM will invest \$154 M to get a 75% share in a new China-based vitamin E joint venture. It will grant DSM access to cost-effective vitamin E source for its animal nutrition operations, which is growing at 8%/y. The deal with Nenter, which will own 25%, is expected to be completed in Sep 2019. The joint venture will then exclusively supply vitamin E to DSM. Nenter will contribute its Hubei-based production units in Shishou and Jingzhou, which are planned to be upgraded according to health, safety and sustainability standards. The transaction will also expand DSM's Asian footprint.

CC MS-03 Food Feed and Beverages; MS-04 Pharmaceuticals Prosthetics and Medical Chemistry

GT [4011 China](#); 4 Asia

CT investment; [mergers and acquisitions](#); [joint venture](#); market; plant restructuring

CN vitamin E; animal nutrition products

RN 59-02-9

SIC 28331 Vitamins; 2048 Animal feeds

CO Nenter; [DSM](#)

CBNB Case Study – Identifying Technology Trends

=> **E TR- 10/CC**

E1	63407	TOILETRIES/CC
E2	11755	TPPLI CATION/CC
E3	22661	--> TR- 10/CC
E4	22661	TR- 10 TRENDS - NEW TECHNOLOGY/CC
E5	58679	TR- 20/CC
E6	58679	TR- 20 TRENDS - NEW MATERIAL/CC
E7	11776	TR- 30/CC
E8	21	TR- 30 TRENDS - NEW APPLI CATION/CC
E9	11755	TR- 30 TRENDS - NEW TPPLI CATION/CC
E10	52783	TR- 40/CC
E11	52783	TR- 40 TRENDS - GENERAL/CC
E12	89048	TRANSPORTATI ON/CC

=> **S (TR- 10 OR TR- 20 OR TR- 30)/CC AND 28441/SIC**

22661 TR- 10/CC
58679 TR- 20/CC
11776 TR- 30/CC
6595 28441/SIC

L1 893 (TR- 10 OR TR- 20 OR TR- 30)/CC AND 28441/SIC



Identify new trends/technologies in the field of hair preparations.

28 - Chemicals and Allied Products
284 – Soap, Detergents, And Cleaning Preparations;
Perfumes, Cosmetics, and Other Toilet Preparations
2844 – Perfumes, Cosmetics, and Other Toilet
Preparations
28441 – Hair preparations, including shampoos

<http://naicscode.org/SICCode/>

CBNB Case Study – Identifying Technology Trends

(cont.) => D TI SO CC SIC 1 6 8

L1 ANSWER 1 OF 893 CBNB COPYRIGHT 2020 EI on STN.

TI Stay calm] SexyHair launches its first CBD haircare line, Calm SexyHair, with 99% Pure CBD.

S0 PR Newswire (21 Sep 2020), (200-899 words)

CC MS-01 Cosmetics and toiletries; MS-04 Pharmaceuticals prosthetics and medical chemistry; [TR-20 Trends - New material](#)

SIC 28343 Central Nervous System Preparations; [28441 Hair Preparations](#)

L1 ANSWER 6 OF 893 CBNB COPYRIGHT 2020 EI on STN.

TI Symrise introduces innovative active for itchy scalp with hair fibre protection.

S0 SpecialChem Cosmetics and Personal Care Innovation and (4 Sep 2020), (200-899 words)

CC MS-01 Cosmetics and toiletries; [TR-20 Trends - New material](#)

SIC [28441 Hair Preparations](#)

L1 ANSWER 8 OF 893 CBNB COPYRIGHT 2020 EI on STN.

TI Lubrizol launches temporary hair colour formulations with built-in styling properties.

S0 SpecialChem Cosmetics and Personal Care Innovation and (21 Aug 2020), (200-899 words)

CC MS-01 Cosmetics and toiletries; MS-18 Dyes and pigments; [TR-20 Trends - New material](#)

SIC [28441 Hair Preparations](#)

CBNB Case Study – Patent Litigation/Licensing

=> S BASF/CO AND UMICORE/CO

L1 37 BASF/CO AND UMICORE/CO

=> S (NICKEL(2A)MANGAN?(2A)COBALT OR NCM OR NMC) AND (LITHIUM (2A)BATTER? OR CATHOD?)

L2 125 (NICKEL(2A)MANGAN?(2A)COBALT OR NCM OR NMC) AND (LITHIUM . .

=> S LEGAL ASPECTS/CC OR PERMITS AND PATENTS/CC

L3 211905 LEGAL ASPECTS/CC OR PERMITS AND PATENTS/CC

=> S L1 AND L2 AND L3

L4 11 L1 AND L2 AND L3



Search for lawsuits between BASF and Umicore pertaining to lithium ion batteries containing Nickel-Manganese-Cobalt (NMC) cathode material. Identify the relevant patents and get further information on BASF's activities in that field.

Use CBNB Classification Codes (/CC) to limit the search to legal proceedings

=> E LA/CC

E13	338697	INDUSTRY/CC
E14	82309	INKS/CC
E15	0	--> LA/CC
E16	42557	LA-00/CC
E17	42557	LA-00 LEGAL ASPECTS/CC
E18	75848	LA-10/CC
E19	75848	LA-10 REGULATIONS AND RULINGS/CC
E20	40564	LA-20/CC
E21	40564	LA-20 HEALTH AND SAFETY/CC
E22	50052	LA-30/CC
E23	50052	LA-30 ENVIRONMENT/CC
E24	176922	LA-40/CC
E25	176922	LA-40 PERMITS AND PATENTS/CC

CBNB Case Study – Patent Litigation/Licensing (cont.)

- L4 ANSWER x OF 11 CBNB COPYRIGHT 2020 EI on STN.
- TI BASF and Argonne reach resolution with Umicore over NMC patents infringement claims.
- AV BASF, website: <http://www.basf.com/>
- ED Entered STN: 4 May 2017
Last updated on STN: 4 May 2017
- AB BASF and Argonne National Laboratory reached a business resolution of their pending patent disputes with Umicore. Umicore is now licensed to make, use, sell, offer to sell, distribute and import [nickel-manganese-cobalt \(NMC\) cathode material for lithium ion batteries](#) in the US under BASF's and Argonne's [US Patent Nos 6,677,082; 6,680,143; 7,135,252; and 7,468,223](#). BASF and Argonne are dismissing their pending action in the US District Court for the District of Delaware against Umicore. The parties are filing a petition for rescission of the existing limited exclusion order with the International Trade Commission (ITC).
- CC [MS-12 Metals Industries](#); [MS-15 Electronics Industry](#); [LA-00 Legal Aspects](#); [LA-40 Permits and Patents](#)
- SIC 333 Nonferrous Metals; 2819 Inorganic Chemicals NEC; 36 Electrical and Electronic Equipment
- C0 [BASF](#); [Umicore](#)

CBNB Case Study – Patent Litigation/Licensing (cont.)

=> **S** BASF/CO AND ARGONNE AND (LICENC? OR LICENS?)

L8 24 BASF/CO AND ARGONNE AND (LICENC? OR LICENS?)

=> **D ALL**

L8 ANSWER X OF 24 CBNB COPYRIGHT 2020 EI on STN.
TI Business digest: BASF signs **licence** agreement.
S0 Chemi stry and Industry (London) (22 Jun 2009), Number 12, 13
AB Germany' s BASF and the US Department of Energy' s **Argonne** National
Laboratory have entered into a **licence** agreement covering the
manufacture and marketing of **Argonne**' s composite cathode materials for
use in advanced lithium-ion battery production. BASF also have plans to
construct a cathode material plant in Elyria, OH, USA as part of efforts
to obtain a grant from the Department of Energy under the Recovery
Act-Electric Drive Vehicle Battery and Component Manufacturing
Initiative.
C0 **BASF**

Note: Argonne is not often used as company name. Therefore, better use BI for searching. Link the search with keywords for “License”.

According to CBNB’s database record BASF has licensed the technology from Argonne already in the year 2009 .

CBNB Case Study – Patent Litigation/Licensing (cont.)

⇒ ~~Other activities of BASF in NMC battery technology~~
S BASF/CO AND (NICKEL(2A) MANGAN?(2A) COBALT OR NCM OR NMC) AND (LITHIUM (2A) BATTER? OR CATHOD?)

L9 45 BASF/CO AND (NICKEL(2A) MANGAN?(2A) COBALT OR NCM OR NMC) AND (LITHIUM (2A) BATTER? OR CATHOD?)

⇒ S L9 AND ("MERGERS AND ACQUISITIONS" OR "JOINT VENTURE")/CT

L10 13 L9 AND ("MERGERS AND ACQUISITIONS" OR "JOINT VENTURE")/CT

⇒ D ALL

L10 ANSWER X OF 13 CBNB COPYRIGHT 2020 EI on STN.

TI BASF and TODA KOGYO CORP close agreement for joint venture specializing in **cathode** materials for **lithium-ion batteries**.

AV BASF, website: <http://www.basf.com/>

AB ... The new company will provide **cathode** active materials (CAM) for **lithium-ion batteries** in Japan. BASF TODA Battery Materials was established with 66% equity from BASF Japan Ltd and 34% from TODA KOGYO CORP. The joint venture will conduct research and development, production, marketing and sales for a broad range of **cathode** materials, particularly ... NCM (**nickel cobalt manganese**) ...

Summary

- CBNB is an important database when looking for market information
- CBNB is a very timely, up-to-date database
- CBNB can be used to make important company decisions, including licensing, potential partners, industry trends, etc.

Contact Us



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