

```
1  erdiagram Nahrungsmittel
2  notation=default
3
4
5
6
7  // Core Product & Identification
8
9  entity Product {
10     product_id
11     code
12     lc
13     quantity
14     serving_size
15     obsolete
16     obsolete_since_date
17     link
18     packaging_id
19     nova_group
20     nova_group_tag
21 }
22
23 entity ProductTranslation {
24     product_id
25     language_code
26     product_name
27     abbreviated_product_name
28     generic_name
29 }
30
31 entity Producer {
32     product_id
33     producer_product_id
34     producer_version_id
35     producer_de
36     brand_owner
37 }
38
39 entity Brand {
40     brand_id
41     brand_name
42     brand_tag
43 }
44
45 entity ProductBrand {
46     product_id
47     brand_id
48 }
49
50 entity Category {
51     category_id
52     category_name
53     category_tag
54 }
55
56 entity ProductCategory {
57     product_id
58     category_id
59 }
60
61 entity Foodgroup {
62     food_group_id
63     food_group_name
64 }
65
66 entity Foodgrouptag {
67     food_group_tag_id
68     food_group_tag_name
69 }
70
71 entity FoodgroupFoodgrouptag {
```

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72     food_group_id
73     food_group_tag_id
74 }
75
76 entity ProductFoodgroup {
77     product_id
78     food_group_id
79 }
80
81 entity Store {
82     store_id
83     store_name
84     store_tag
85 }
86
87 entity ProductStore {
88     product_id
89     store_id
90 }
91
92 entity Country {
93     country_id
94     country_name
95     country_tag
96 }
97
98 entity ProductCountry {
99     product_id
100    country_id
101 }
102
103
104 // Composition & Ingredients
105 entity Ingredienttranslation {
106     ingredient_translation_id____+
107     language_code
108     ingredient_name
109 }
110
111 entity ProductIngredienttranslation {
112     product_id
113     ingredient_translation_id____lc
114 }
115
116 entity Ingredient {
117     ingredient_id
118     ingredient_name
119 }
120
121 entity ProductIngredient {
122     product_id
123     ingredient_id
124 }
125
126 entity Allergen {
127     allergen_id
128     allergen_name
129     allergen_tag
130 }
131
132 entity Trace {
133     trace_id
134     trace_name
135     trace_tag
136 }
137
138 entity ProductAllergen {
139     product_id
140     allergen_id
141 }
142
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143 entity ProductTrace {
144     product_id
145     trace_id
146 }
147
148 entity Origin {
149     product_id
150     origin_name
151     origin_tag
152     manufacturing_place
153     manufacturing_place_tag
154     emb_code
155     emb_code_tag
156 }
157
158 entity OriginTranslation {
159     product_id
160     language_code____+
161     origin_name
162 }
163
164 entity Packaging {
165     product_id
166     packaging_level____+
167     packaging_number
168     packaging_shape
169     packaging_material
170     packaging_recycling
171     packaging_weight_measured
172 }
173
174 entity Packagingtype {
175     packaging_type_id
176     packaging_type_name
177     packaging_type_tag
178 }
179
180 entity ProductPackagingtype {
181     product_id
182     packaging_type_id
183 }
184
185
186 // Nutrition
187 // not reviewed
188 ///////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
189 entity NutritionFact {
190     product_id
191     nutrition_data_per
192     nutrition_data_prepared_per
193     nutrient_name____+
194     nutrient_value
195     nutrient_unit____unit_id
196     nutrient_prepared_value
197     nutrient_prepared_unit____unit_id
198 }
199
200 entity Nutrient {
201     nutrient_name
202     nutrient_group
203     nutrient_unit____unit_id
204 }
205
206 entity Unit {
207     unit_id
208     unit_name
209     unit_symbol
210     conversion_factor_to_base
211 }
212

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```
213 // Classification & Scoring
214
215 entity Label {
216     product_id
217     labels
218     labels_tags
219 }
220
221 entity Score {
222     product_id
223     nutriscore_grade_producer
224     nutriscore_grade
225     nutriscore_score
226     environmental_score_grade
227     environmental_score_score
228     packaging_score
229     origins_score
230     production_system_score
231     threatened_species_score
232 }
233
234
235 // Reference & Metadata
236
237 entity ReferenceData {
238     product_id
239     conservation_conditions_fr
240     preparation_fr
241     customer_service_fr
242     data_sources
243     sources_fields
244 }
245
246
247
248
249
250
251
252
253 // Relationships
254
255 // Entity Product
256
257 relationship Product_1 {
258     Product -> ProductTranslation
259 }
260
261 relationship Product_2 {
262     Product -> NutritionFact
263 }
264
265 relationship Product_3 {
266     Product -> Producer
267 }
268
269 relationship Product_4 {
270     Product -> Label
271 }
272
273 relationship Product_5 {
274     Product -> Brand
275 }
276
277 relationship Product_6 {
278     Product -> Store
279 }
280
281 relationship Product_7 {
282     Product -> Allergen
283 }
```

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284
285 relationship Product_8 {
286     Product -> IngredientTranslation
287 }
288
289 relationship Product_9 {
290     Product -> Category
291 }
292
293 relationship Product_10 {
294     Product -> ReferenceData
295 }
296
297 relationship Product_11 {
298     Product -> Origin
299 }
300
301 relationship Product_12 {
302     Product -> OriginTranslation
303 }
304
305 relationship Product_13 {
306     Product -> Score
307 }
308
309 relationship Product_14 {
310     Product -> PackagingTranslation
311 }
312
313
314 // Entity Packaging
315
316 relationship Packaging_1 {
317     Packaging -> Product
318 }
319
320 relationship Packaging_2 {
321     Packaging -> PackagingTranslation
322 }
323
324
325 // Entity Nutrient
326
327 relationship Nutrient_1 {
328     Nutrient -> NutritionFact
329 }
330
331
332 // Entity Unit
333
334 relationship Unit_1 {
335     Unit -> Nutrient
336 }
337
338 relationship Unit_2 {
339     Unit -> NutritionFact
340 }
```